

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION

3

CALTRANS DISTRICT

4

PREPARED FOR **THE STATE WATER RESOURCES CONTROL BOARD**

**STORM WATER
MANAGEMENT PROGRAM**

REGIONAL WORK PLAN

FOR FISCAL YEAR 2002/2003

REGION 3

**[CCRWQCB] Central Coast Regional
Water Quality Control Board**

CTSW-RT-01-075

April 1, 2002



California Department

of Transportation

District 4

DISTRICT 4

REGIONAL WORK PLAN



PREPARED BY:

CALIFORNIA DEPARTMENT OF TRANSPORTATION

DISTRICT 04

DISTRICT STORM WATER PROGRAM

STORM WATER MANAGEMENT COMMITTEE



111 GRAND AVENUE

OAKLAND, CALIFORNIA

April 2002

APRIL 2002 REGIONAL WORK PLAN

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National Pollutant Discharge Elimination System

Permit No. CAS000003

Order No. 99-06-DWQ

California Department of Transportation

District 04

Regional Work Plan

**CERTIFICATION
REGIONAL WORK PLAN
Central Coast Regional Water Quality Control Board
[CCRWQCB] Region 3
Fiscal Year 2002/2003
April 1, 2002**

CALIFORNIA DEPARTMENT OF TRANSPORTATION DISTRICT 4

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment of knowing violations. [40 CFR 122.22(d)]

ANDREW FREMIER
Storm Water Program Manager
Caltrans District 4

Date: _____

SECTION ONE

REGIONAL WORK PLANS

1.0 INTRODUCTION

The purpose of the Regional Work Plans (RWPs) are to describe how Caltrans Districts will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2002/03 as required by the Caltrans Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

The RWP provides region-specific information on Department facilities, water bodies, Best Management Practices (BMPs), and monitoring programs according to the following sections:

- Section 1 – Introduction;
- Section 2 – Personnel and Responsibilities;
- Section 3 – District Facilities and Water Bodies;
- Section 4 – High Risk Areas; and
- Section 5 – Implementation Activities.

SECTION TWO

REGIONAL WORK PLANS

2.0 DEPARTMENT PERSONNEL AND RESPONSIBILITIES

Portions of Caltrans District 4 fall within the jurisdiction of the San Francisco Bay Regional Water Quality Control Board and includes portions of Central Coast, Central Valley, and North Coast Regional Water Quality Control Boards. Staff responsible for implementing the SWMP within District 4 are listed in Table 2-1, and their responsibilities are explained in the following paragraphs.

TABLE 2-1: CALTRANS STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address
Andrew Fremier	Storm Water Program Manager	510-286-5896	Andrew_Fremier@dot.ca.gov
Michael Flake*	District Storm Water Coordinator	510-286-5664	Mike_Flake@dot.ca.gov
Tim Mehta	Environmental Engineering Coordinator	510-286-6269	Tim_Mehta@dot.ca.gov
Larry Hammond	District Maintenance Storm Water Coordinator	510-286-5215	Lawrence_Hammond@dot.ca.gov
Frank Gorham	District Storm Water Construction Coordinator	925-942-6012	Frank_Gorham@dot.ca.gov
David Yam	Landscape Architecture Coordinator	510-286-5925	David_Yam@dot.ca.gov
Shirly Parker	Right-of-Way Coordinator	510-286-5322	Shirly_Parker@dot.ca.gov
Allen Baradar	Toll Bridge Coordinator	510-286-5636	Allen_Baradar@dot.ca.gov
Sharon Patch	Hydraulics Representative	510-286-4862	Sharon_Patch@dot.ca.gov
Greg Ratliff	Public Affairs Representative	510-286-5820	Gregory_Ratliff@dot.ca.gov
Thomas Franklin	Permits Coordinator	510-286-4424	Thomas_Franklin@dot.ca.gov

* Michael Flake is the designated primary contact.

The duties and responsibilities associated with the Storm Water Program Manager and each of the storm water coordinators (coordinators) and storm water representatives (representatives), including the functional units they represent are as follows:

District Program Manager

The Storm Water Program Manager is a District executive level manager in charge of all storm water activities in the District. The Manager is accountable for establishing an effective storm water program and maintaining a liaison with Headquarters and other District Program Managers (Division Chiefs) for the purpose of effective communication, collaboration, and coordination of storm water activities. The Program Manager provides support, direction, and guidance to the District Storm Water Coordinator (DSWC).

The responsibilities of the District Storm Water Program Manager are as follows:

- Direct District operations regarding storm water.
- Align District efforts to achieve compliance with the NPDES permit.
- Be the ultimate signatory authority in the District for all compliance documents and commitments regarding storm water management.

Although, the District Division Chiefs (DDC) for Construction has been designated as the District Storm Water Program Manager, the storm water responsibilities are in excess and separate of those responsibilities of the DDC of Construction. It is proposed that the District Storm Water Program Manager position be a rotational assignment amongst the DDCs of Construction, Design, Maintenance, and Planning.

District Storm Water Coordinator

Under the general direction of the District Storm Water Program Manager, the DSWC is responsible for developing District storm water quality policies and guidance, and daily management of the District's storm water quality program. The DSWC is responsible for identifying issues and developing recommendations related to storm water quality, regulated wastes, and other environmental issues that affect the District. The DSWC supervises staff, which supports and executes activities of the DSWC and the Storm Water Program. The specific storm water tasks for which the DSWC is responsible include the following:

- Provide guidance and direction for the preparation, development, and implementation of a comprehensive District Storm Water Program, as described in the RWP.
- Oversight of activities related to notification procedures for reuse of soil containing lead in accordance with variances issued by the Department of Toxic Substances Control (DTSC).
- Ensure accuracy and adequacy of the storm water workload allocations for each fiscal year.
- Coordinate and track resource distributions, workloads, and projects within the District.

- Assist the District functional units in prioritizing, monitoring, tracking, and evaluating storm water resources, activities, and operations.
- Implement a quality assurance and quality control program for monitoring the activities of the District functional units, in order to ensure that the conditions of the Permit, SWMP, and RWP are implemented properly.
- Provide guidance and direction necessary to develop strategies for addressing regulations and mandates on storm water and waste discharges set forth by federal, state, and local regulatory agencies.
- Work as the primary liaison, “single point of contact,” on storm water and waste discharge issues between the District and Headquarters, the State Water Resources Control Board, the Regional Water Quality Control Boards, U.S. Environmental Protection Agency, and other agencies.
- Represent the District at the Storm Water Advisory Teams (SWATs) identified in the SWMP.
- Monitor and evaluate the storm water activities and procedures of municipalities, developers, and other agencies. Emphasis is appointed to those agencies in the Bay Area that encroach upon or administer projects within the Department’s right-of-way.
- Arbitrate disputes and disagreements on policies, activities, assignments, and responsibilities regarding storm water issues.
- Establishes impartial and equitable decisions that benefit the Department in attaining the objectives of the Storm Water Program.
- Work as leader and chairperson of the District Storm Water Management Committee (SWMC).

Environmental Engineering Coordinator

The Environmental Engineering (EE) Coordinator is responsible for communicating with the DDC of Planning and the EE Office Chief for the proper implementation of the environmental engineering portion of the SWMP and RWP. The EE Coordinator supervises the staff of the water quality branch in the Office of Environmental Engineering (OEE). The EE Coordinator ensures that the staff supports and properly executes the activities defined in the SWMP and RWP, especially those responsibilities attributed to the EE Coordinator. The specific storm water tasks for which the EE Coordinator is responsible include the following:

- Determination and evaluation of storm water impacts during California Environmental Quality Act and/or National Environmental Policy Act (CEQA/NEPA) screening.

- Evaluation and recommendation of permanent control and treatment measures for addressing project storm water impacts.
- Identification of costs related to water pollution control, non-storm water discharges, and waste management on programming documents.
- Development of new specifications, details, and guidance materials related to non-storm water discharges and waste management.
- Preparation of contract specifications and estimates to address development of Storm Water Pollution Prevention Plans (SWPPPs).
- Preparation of contract plans, specifications, and estimates (PS&E) to address temporary controls for non-storm water discharges and waste management activities.
- Preparation or aid in the preparation of the contract PS&E for inclusion of permanent control measures to improve or minimize water quality impacts.
- Preparation of the report for Notification of Construction.
- Propose, develop, and manage storm water monitoring programs, in coordination with the Headquarters Environmental Program.
- Assistance to the District Permits Branch in evaluating water quality impacts and requirements of encroachment permit applications.
- Assist in development of training programs, especially that attributed to OEE staff.

The EE coordinator, as a member of the SWMC, is also responsible for compiling and providing to the District Storm Water Coordinator, all EE related input required for the annual report, preparation of RWP and other permit related documents and reports.

Construction Coordinator

Under the general direction of the Division of Construction, the Construction Storm Water Coordinator (CSWC) is responsible for developing storm water quality policies and guidance, and daily management of Construction's storm water quality program. The CSWC is responsible for the proper implementation of the SWMP and the RWP within Construction. The CSWC supervises staff, which implements the program requirements in the field during the construction phase. The specific tasks for which the CSWC will be responsible include:

- Work as the primary point of contact for storm water issues during the construction phase.
- Develop and administer storm water training for Construction staff.

- Review Storm Water Pollution Prevention Plans (SWPPP).
- Track critical compliance milestones that occur prior to and during the course of construction.
- Conduct final project closeout inspections.
- Submit the Notice of Completions for SWPPP projects
- Submit approved SWPPPs to the RWQCBs as requested.
- Submit reports to the RWQCBs as requested.
- Provide oversight inspections for SWPPP projects.
- Prepare and submit Threat of Discharge reports.
- Prepare and submit Illicit Connection/ Discharge Reports for Construction
- Represent Construction in the District's SWMC Meetings.
- Provide input to the Annual Report.
- Participate on the Construction SWAT defined in the SWMP

The CSWC ensures that all enforcement actions or corrections requested by the Regional Boards are promptly implemented, and documented. The CSWC serves as the primary conduit for information during the construction phase for the RWQCBs, Headquarters Construction, and construction field staff. The CSWC supports the design related functional units in determining specific project needs and evaluation of water pollution control measures in the field.

Maintenance Coordinator

The Maintenance Coordinator is responsible for communicating with the DDC of Maintenance and the Maintenance Operation Team (MOT) regarding the proper implementation of maintenance related sections of the SWMP and RWP. The Maintenance Coordinator reports all storm water related maintenance activities to the SWMC and coordinates storm water training for maintenance staff as well as overseeing inspection of maintenance facilities and operations relative to Permit compliance. The Maintenance Coordinator is chairperson of the MOT that meets routinely to discuss water quality issues, update the Maintenance portion of the RWP, and compile information for the Annual Reports, as well as the SWMP. The Maintenance Coordinator serves as the conduit for information between the SWMC and maintenance offices, as well as the Headquarters Maintenance Program (esp. Maintenance SWAT identified in the SWMP).

Public Affairs Coordinator

The Public Affairs Coordinator is a member of the SWMC responsible for maintaining an effective public information program as specified in this RWP and any elements of the SWMP that are attributed to the District. The Public Affairs Coordinator is directly responsible for the following:

- Ensure publication of storm water articles within District publications (i.e. newsletters).
- Distribution of the District Storm Water Pamphlet
- Development and distribution of Public Service Announcements regarding storm water.
- Ensuring that storm water information is available at miscellaneous events, such as County fairs and fleet week, for which Department might be a participant.

Right-of-Way Coordinator

The Right of Way Coordinator for the SWMC is currently a District Branch Chief of Property Management. This Coordinator is responsible to:

- Attend all SWMC meetings to report on Right of Way activities.
- Ensure that storm water training is available to Right of Way Agents tasked with property inspection responsibilities.
- Ensure that regular property inspections include storm water inspections.
- Maintain documentation of the inspection findings and corrective actions.
- Prepare a summary of completed storm water property inspections for use in Annual Reports.
- Disseminate information and answer questions regarding Department storm water policy to all Right of Way staff involved in storm water inspections.
- Notify the SWMC and/or the DSWC of discharges or situations that appear to be in gross violation of Department' Permit, SWMP, or RWP.
- Report instances where Right of Way may conduct construction activities that require the development of a SWPPP and related notification.

Engineering Services (Hydraulics) Representative

The Hydraulics Representative (HR) is a member of the SWMC responsible for providing information on permanent control measures, except those related to erosion control, that are being planned, designed, and implemented in projects. The HR is responsible for providing input and review of Annual Reports and RWPs. The HR ensures that the management and staff of the Hydraulics Branch are knowledgeable of the RWP and various water pollution control efforts and commitments for minimizing or preventing pollutants from being present in discharges. The HR ensures that the design processes utilized by the Hydraulics Branch are consistent with the RWP and the SWMP, especially those processes related to the evaluation, selection, and design of permanent control and treatment control measures.

Landscape Architecture Coordinator

The Office of Landscape Architecture (OLA), through its erosion/sediment control branch, facilitates the incorporation of water pollution and erosion control recommendations into the planning, design, and construction of all projects in District 4. The Branch Chief, supervisor, of the erosion/sediment control branch is OLA's Storm Water Coordinator, who is the primary point of contact between the other functional units, SWMC, and the DSWC. The OLA Coordinator provides water pollution control training to Design personnel in coordination with the office of Environmental Engineering and the DSWC. Furthermore, the OLA Coordinator provides field support to Construction, Maintenance, and Permits when requested.

The specific storm water tasks for which the OLA Coordinator is responsible include the following:

- Determination and evaluation of storm water impacts during CEQA/NEPA screening.
- Evaluation and recommendation of permanent control and treatment control measures for addressing project storm water impacts.
- Identification of costs related to water pollution and erosion control on programming documents.
- Develops new specifications, details, and guidance materials related to erosion and sediment control.
- Preparation of contract PS&E to address erosion and sediment controls for projects.
- Preparation or aid in the preparation of the contract PS&E for inclusion of permanent control and treatment control measures to improve or minimize water quality impacts on projects.
- Ensure that reuse locations of soil containing lead in accordance with variances issued by DTSC are not subject to erosion and stabilized as part of project design.

- Assist the District Permits Branch in evaluating water quality impacts and requirements of encroachment permit applications.
- Conduct studies to improve water quality objectives on highway planting projects.
- Assist in development of training programs, especially that attributed to OLA staff.
- Participate in the Design SWAT identified in the SWMP.

The OLA Coordinator acts as the liason with the Headquarters Office of Landscape Architecture to develop, submit, review, and gain approval for all specifications and details related to erosion and sediment control. Furthermore, the OLA Coordinator is the contact for Headquarters' Design Program in the approval or concurrence with specifications related to water pollution control related to erosion and sediment control.

Toll Bridge Program Coordinator

The Toll Bridge Program Coordinator (TBPC) is the supervisor of the Toll Bridge Environmental Engineering (TBEE) unit, which provides services exclusively to the Toll Bridge Program. The Toll Bridge Program is responsible for numerous projects related to the retrofit or replacement of the Department's six Bay Area toll bridges. As a result, the TBPC has the same responsibilities as those described for the Environmental Engineering Coordinator, but these responsibilities are reserved exclusively for the Toll Bridge Program.

Permits Coordinator

The Permits Coordinator is a member of the SWMC responsible for ensuring that the District Office of Permits is in compliance with the Permit, SWMP, and RWP. The Office of Permits is responsible for issuing permits to local agencies, utility companies, and others (i.e. film production companies, marathon sponsors, etc.) that desire to encroach into the Department's right-of-way for conducting construction, maintenance, or other activities consistent with their organization. The Permits Coordinator ensures that all permits issued to those encroaching into the Department's right of way are in compliance the Permit, in a manner that is consistent with that required of Maintenance, Construction, and Design.

In compliance with Permit Section M.10.b, the positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board(s).

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Positions or Individuals	Documents Authorized for Signature
Storm Water Program Manager	All District Documents
Storm Water Coordinator	All District Documents, except Regional Work plan
Toll Bridge Coordinator	Notification of Construction (NOC)
Construction Coordinator	SWPPP, Notice of Completion of Construction (NCC), Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification
Maintenance Coordinators, Managers, Office Chief, and HazMat Manager (See Section 4.1 of RWP)	Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, Report of Illicit Connection/Discharge, and Facility Pollution Prevention Plans
Permit Coordinator	Report of Illicit Connection/Discharge
Environmental Coordinator / Environmental Engineering Office Chief	Notice of Soil Reuse with Aerially Deposited Lead (ADL) Notification of Construction, Notice of Construction Completion
Resident Engineers	SWPPPs, Notice and Report of Non-Compliance, and Discharge or Threat of Discharge Notification
Right-of-Way Coordinator	SWPPPs, Notice of Completion, Notice and Report of Non-Compliance, and Discharge or Threat of Discharge Notification
Facility Supervisor	Facility Pollution Prevention Plans

SECTION THREE

REGIONAL WORK PLANS

3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies Department facilities and water bodies within each District and Regional Board jurisdiction. A list of Department facilities, excluding roadways, is presented in Table 3-1. Maps showing the District 4 major roads and highways and the District boundaries within the SFBRWQCB are presented on Figure A-7 and Figure A-8 respectively.

TABLE 3-1: DISTRICT 4 FACILITIES

CO	Route	PM	Name	Comments
Maintenance Stations				
ALA		0.0	Oakland	District 4 Office
ALA	880	28.7	Oakland	Special Crews, Elec./Signs Central/Buttons ½
ALA	880		San Leandro	Special Crews, 600 Lewelling Blvd., San Leandro
ALA	580	38.9	Seminary	Landscape Maintenance, 6220 Seminary, Oakland, 94605-1852
ALA	880	20.0	East Bay Region	Highway Maintenance, 245 Mowry Rd. Fremont, 94536 (Maintenance)
ALA	84	10.2	Fremont	Highway Maintenance, 245 Mowry Rd. Fremont, 94536 (Maintenance)
ALA	84		Dumbarton	Highway Maintenance, 9825 Thorton Ave, Fremont
ALA	92		San Mateo	Highway Maintenance, 5500 West Jackson, Hayward
ALA	580	28.9	Hayward	Highway Maintenance, 21145 Center St., Castro Valley
ALA	580	13.1	Livermore	Highway Maintenance, 2153 South Front Rd. Livermore 94550
ALA	80	2.0	Toll Bridge Region	Special Crews, SFOBB Toll Plaza, Oakland
ALA	24	5.7	Caldecott Tunnel	Special Crews, West Portal and Caldecott , Oakland
ALA	580	35.7	106 th Street	Special Crews, 106 th Ave, Oakland
ALA	580	41.6	14 th Avenue (closed)	Special Crews

CO	Route	PM	Name	Comments
ALA	80	2.0	East Bay Paint	Special Crews
ALA	580	44.5	Kempton (closed)	Special Crews
ALA	880	28.7	Oakland	Special Crews, 1112-29 th Ave. Oakland 94601
ALA	880		Shop 4	Special Crews, 1933 Marina Blvd., San Leandro
ALA	260	2.0	Posey Tube	Special Crews, 415 Harrison St. Oakland 94607-4118
ALA	260		Webster Tube	Special Crews, 415 Harrison St. Oakland 94607-4118
ALA	24	3.1	Telegraph	Landscape Maintenance, 3605 Telegraph Ave. 94609-2426
CC	680	0.2	Alcosta	Landscape Maintenance, 21300 San Ramon Valley Blvd. San Ramon 94583
CC	4	1.0	Hercules	Landscape Maintenance, 1369 Willow Road, Hercules
CC	680	6.7	Sycamore Valley Road	Landscape Maintenance, Danville
CC	680	15.6	Walnut Creek-West	Landscape Maintenance, 2581 North Main St. Walnut Creek 94596
CC	4	28.9	Antioch	Highway Maintenance, 2817 Windsor Drive, Antioch, 94509-5054
CC	680	15.6	Walnut Creek-East	Highway Maintenance, 2616 North Main Street, Walnut Creek 94596-2713
CC	680	0.1	Scott Creek Road (closed)	Satellite
SCL	101	10.3	Gilroy	Highway Maintenance
MRN	1	0.1	Manzanita	Highway Maintenance, 40 Shoreline Hwy, Mill Valley
MRN	101	3.0	North Bay Region	Highway Maintenance
MRN	1	28.2	Point Reyes	Highway Maintenance, 10795 Hwy 1, Point Reyes
MRN	580	6.1	Richmond & San Rafael Br.	Special Crews, Maintenance Toll Plaza
MRN	580		San Rafael Paint	Special Crews, West End of Bridge, at San Quentin, San Rafael

CO	Route	PM	Name	Comments
NAP	29	37.4	Calistoga	Highway Maintenance, 1413 Tubbs Lane, Calistoga
NAP	29	12.0	Napa	Highway Maintenance, 3161 Jefferson St., Napa
NAP	29	43.6	Mount Saint Helena	Salt and Sand Storage
SCL	680	7.5	Milpitas	Landscape Maintenance, 115 Dempsey Rd., Milpitas
SCL	85	17.5	Cupertino	Highway Maintenance, 10130 Bubb Rd, Cupertino
SCL	880	4.3	San Jose	Highway Maintenance, 500 Queens Lane, San Jose
SCL	101	49.0	Middlefield Road	Special Crews, 1770 Old Middlefield Rd., Mountain View
SCL	101		Gilroy	Special Crews, 11155 Noname Uno Ave., Gilroy
SCL	280	0.0	Page Mill Road, Electrical	Special Crews, 2350 Page Mill Road, Los Altos
SCL	17	7.1	Los Gatos	Satellite
SF	101	4.1	San Francisco	Highway Maintenance, 110 Rickard Street San Francisco 94134-1260
SF	280	3.6	Alemany/Specialty Region	Special Crews
SF	280		San Francisco	Specialty Region, 30 Rickard St., San Francisco
SF	80	5.4	West Bay Paint	Special Crews, 434 Main St., SF
SM	280	17.9	Millbrae	Landscape Maintenance, Sawyer Camp Trail Hillcrest, Millbrae 94030
SM	101	4.6	Redwood City	Landscape Maintenance, 2501 East Bayshore Blvd., Redwood City
SM	1	26.9	Half Moon Bay	Highway Maintenance, 2003 Cabrillo Hwy., Half Moon Bay, 94019
SM		000.0	South San Francisco	Highway Maintenance, 296 Airport Blvd. So.San Francisco 94101
SM	92	13.6	West Bay Region See So. SF; HMB; Foster City	Highway Maintenance, 380 Foster City Blvd., Foster City
SM	280	4.6	Woodside	Highway Maintenance, 5055 Farmhill Blvd., Woodside

CO	Route	PM	Name	Comments
SM	92	2.6	San Mateo/Hayward/Dmbtn	Special Crews, 9825 Thorton Ave. Fmmt. 5500 West Jackson, Hayward 94545-3616
SM	92	14.5	San Mateo Paint	Special Crews, West end of Bridge, Pier #1, Foster City
SM	280	22.7	Westborough (closed)	Special Crews, Junipers Serra & Westborough Blvd., Daily City
SM	35	10.0	Skylonda (closed)	Satellite
SOL	80	17.2	Fairfield	Landscape Maintenance, 2019 West Texas St., Fairfield 94533
SOL	80	0.70	Carquinez/Benicia/Antioch Bridge	Highway Maintenance
SOL	80	39.8	Dixon	Highway Maintenance, 8628 Sparling Lane, Dixon
SOL	12	26.0	Rio Vista	Highway Maintenance, 480 Highway 12, Rio Vista 94571
SOL	37	9.8	Vallejo	Highway Maintenance, 1700 Sears Point Rd., Vallejo
SOL	680		Benicia Bridge	Special Crews, Toll Plaza, Benicia
SOL	680		Tri-Bridges (under construction)	Special Crews, 100 Industrial Way, Benicia
SOL	780	2.2	Benicia	Special Crews, 1700 E. 2 nd St., Benicia 94510
SON	101	20.6	Santa Rosa	Landscape Maintenance, 224 Lincoln, Santa Rosa
SON	1	12.1	Bodega Bay (closed)	Highway Maintenance
SON	1	35.3	Fort Ross	Highway Maintenance, Jenner, Ca.
SON	101	43.0	Geyserville	Highway Maintenance, 21979 Geyserville Ave, Geyserville
SON	12	9.9	Sebastopol	Highway Maintenance, 5611 Sebastopol Rd., Sebastopol
SON	101	3.0	South Petaluma	Special Crews, 1485 South Petaluma Blvd., Petaluma
SON	101		Petaluma	Special Crews, 611 Payran St., Petaluma
SON	116		Shellville	Special Crews, Jct. 12/116, Shellville

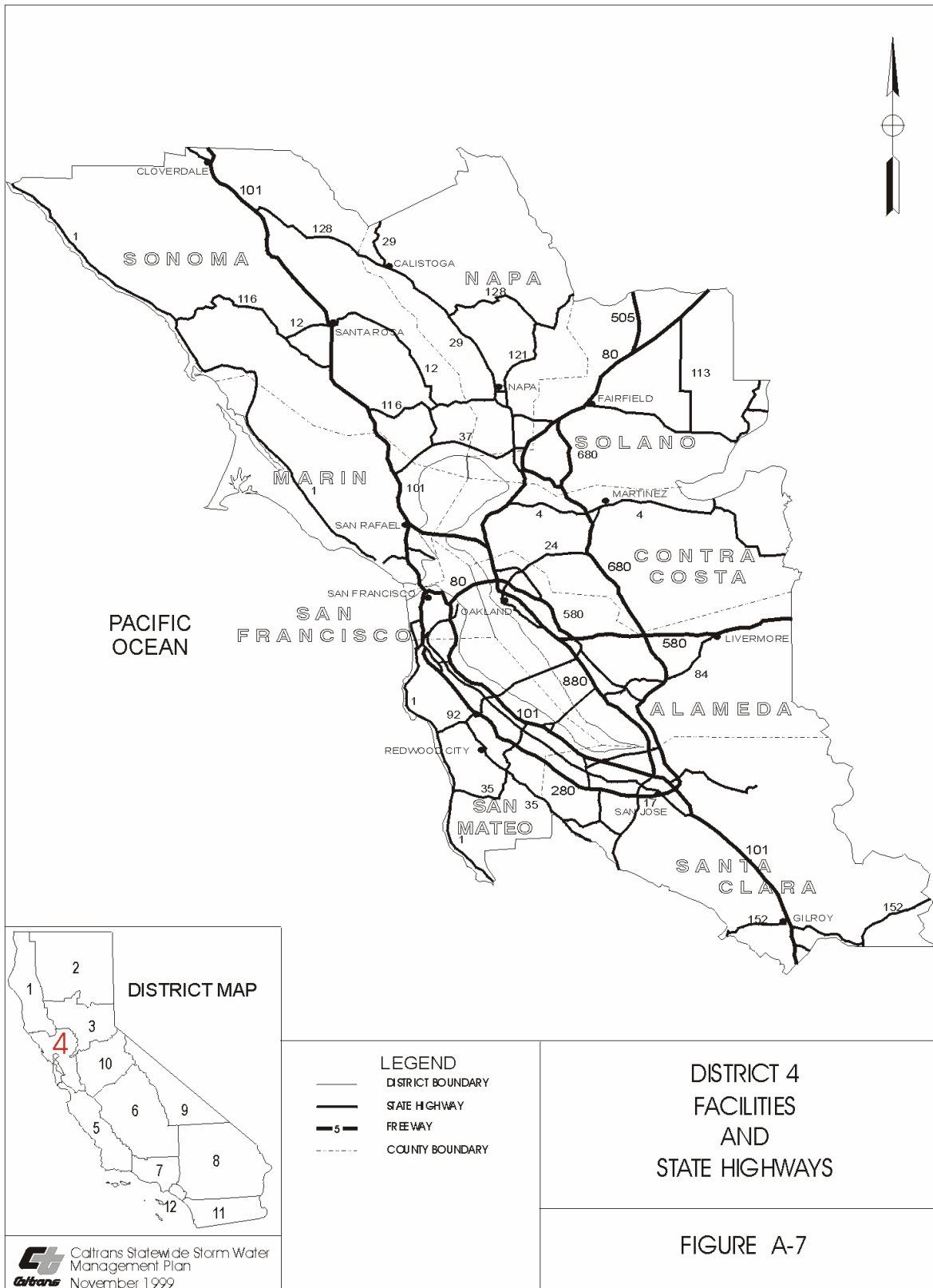
CO	Route	PM	Name	Comments
Vista Points				
SM	280	7.6		Vista Point
SM	280	8.4	Edgewood & Route 92	Vista Point
SM	280	9.4	Edgewood & Route 92	Vista Point
	35	4.5		Vista Point
SM	35	14.3	Skaggs Point	Vista Point
SM	35	23.0	Jct. 35/92	Vista Point
MRN	1	6.1		Vista Point
MRN	1	7.1	Muir Beach Overlook	Vista Point
MRN	101	0.1	Golden Gate Vista Point	Vista Point
SCL	35	14.1		Vista Point
NAP	29	6.6		Vista Point
Commercial Vehicle Enforcement Facilities				
SOL	80	14.4	Cordelia	Westbound (WB)
SOL	80	14.2	Cordelia	Eastbound (EB)
MRN	101	15.2	St. Vincents	Southbound (SB)
MRN	101	14.1	Terra Linda	Northbound (NB)
SCL	101	8.8	Gilroy	Southbound (SB)
ALA	580	R8.9	Livermore	WB
ALA	580	R9.2	Livermore	EB
ALA	680	R8.7	Mission Grade	NB
CC	680	16.0	Walnut Creek	SB
CC	680	15.9	Walnut Creek	NB
ALA	880	3.7	Nimitz	SB
ALA	880	4.2	Nimitz	NB

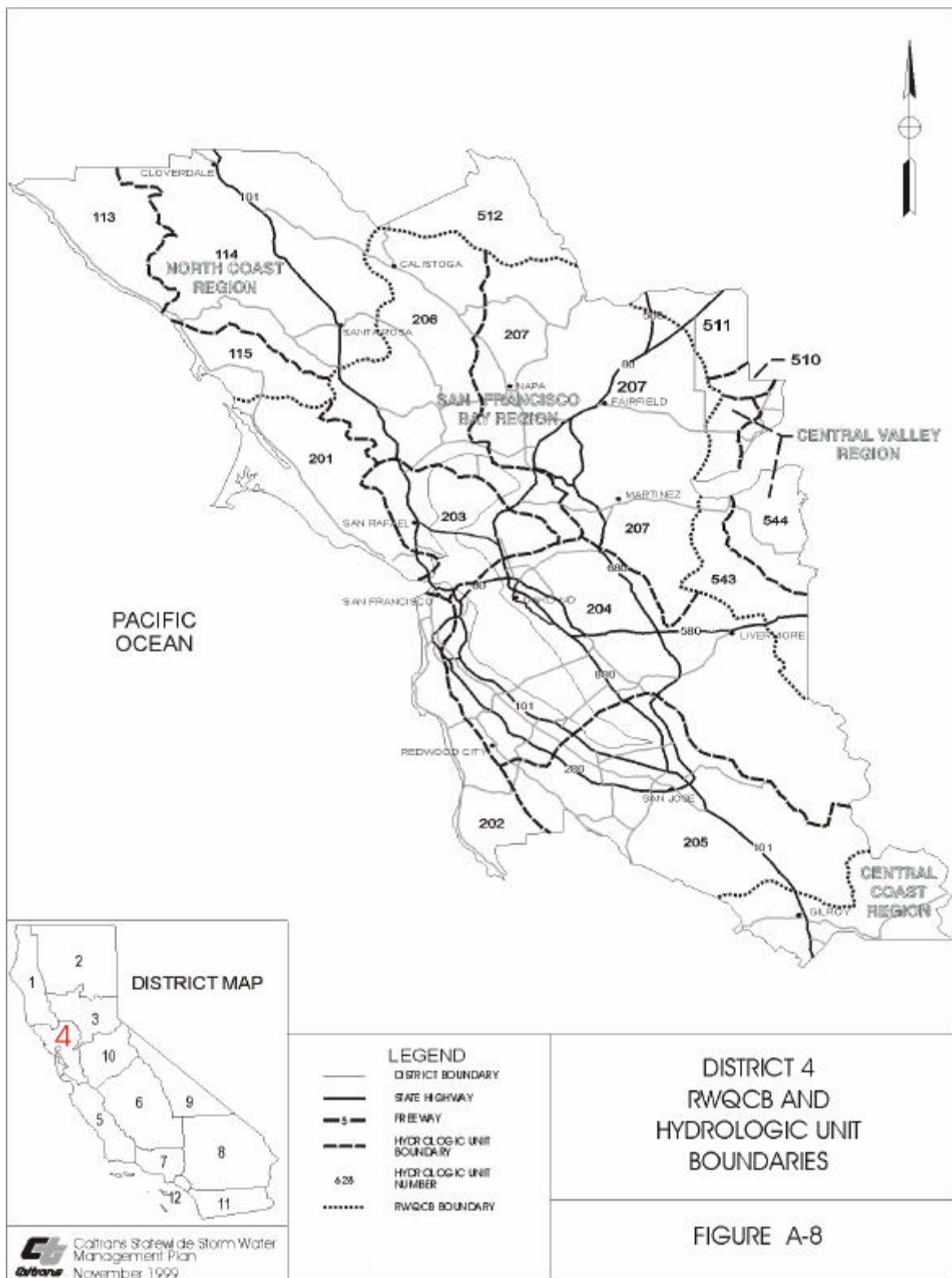
CO	Route	PM	Name	Comments
Roadside Rest Areas				
SM	280	R13.5	Crystal Springs	Near Crystal Springs Reservoir
SOL	80	6.7	Hunter Hill	7 mi. E of Vallejo
MRN	101	0.3	Dana Bowers	Northbound 101
Park and Ride Facilities				
CC	24	1.2	Orinda	SW corner Gateway Blvd IC
ALA	580	41.4	Fruitvale	Fruitvale Avenue IC in Oakland
MAR	101	4.1	Manzanita	Route 1 IC in Marin City
SM	1	41.0	Pacifica	NE corner Linda Mar Blvd & Route 1
SCL	280	18.4	Page Mill	SE corner Page Mill Road IC near Los Altos Hills
SON	116	35.0	Petaluma	SW corner Route 101 Interchange
SON	101	12.7	Cotati	SE corner of Route 116 IC
MRN	101	22.0	Novato	E side Atherton Avenue Interchange
SM	280	3.3	Woodside	SW corner Woodside Road Interchange
MAR	101	14.7	Lucas Valley	SE corner of Lucas Valley IC
CC	80	10.7	Willow	Willow Ave IC NW & SE corners
CC	4	11.1	Pacheco	NE corner Pacheco Blvd & Blum Rd
SON	121	6.7	Schellville	SE corner IC @ Rte. 116
MAR	101	5.4	Seminary	NW & SE corners Seminary Dr in Mill Valley
MAR	101	1.5	Spencer	NW corner Spencer Ave near Sausalito
SM	92	7.9	Ralston	SE corner Ralston Ave IC in Belmont
SOL	80	2.2	Lemon St.	Lemon St. & Curtola Pkwy.

CO	Route	PM	Name	Comments
CC	80	13.5	Crockett	NW corner San Pablo Ave in Crockett
MAR	101	16.6	Alameda Del Prado	SW corner of Alameda Del Prado in Novato
MAR	37	13.8	Black Pt/Atherton	NW corner Atherton Ave IC near Black Point
SON	12	16.3	Maple Avenue	Maple Ave (Brookwood) S. Rosa
SM	101	13.5	3rd Ave-San Mateo	NE corner 3rd Ave in San Mateo
MAR	101	12.2	Lincoln Ave.	W side Lincoln Ave IC in San Rafael
ALA	84	R3.0	Dumbarton	Route 84 & Ardenwood
SM	1	41.2	Crespi Drive	SE corner Crespi Dr & Route 1
ALA	680	6.4	Mission Blvd.	IC of Route 238 near Mission Blvd. in Fremont
ALA	580	30.7	John Drive	John Drive in Castro Valley
CC	80	6.0	Hilltop	NE corner Hilltop Dr. IC in Richmond
SM	280	6.7	Edgewood	NE corner Edgewood Road N of Woodside
ALA	580	13.2	Livermore	1624 Portola Ave in Livermore
CC	680	12.6	Rudgear	SE corner Rudgear Road IC in Walnut Creek
NAPA	29	10.3	Imola	NW side Route 29-Imola Ave W/GG in Napa
SON	101	2.9	Petaluma	SE corner S Petaluma Blvd. in Petaluma
ALA	580	29.0	Castro Valley	SE corner @ Center St. in Castro Valley
CC	242	0.9	Willow Pass	NE corner Willow Pass Road I/C in Concord
MAR	101	10.8	Hetherton	4th & Hetherton in San Rafael
SM	101	11.9	San Mateo	Route 92 (under SE overcrossing) San Mateo

CO	Route	PM	Name	Comments
SON	101	13.9	Rohnert Park Expressway	SW corner Rohnert Park Expressway in Rohnert Park.
SM	280	14.2	Hayne Road	SW corner Hayne Road IC near Redwood City
MAR	101		Rowland Blvd	Rowland Blvd in Novato
SOL	80	12.8	Green Valley Rd.	Green Valley Rd. IC NW in Cordelia
SOL	80	17.7	Magellan Rd.	Magellan Rd. IC with I-80
SOL	80	25.3	Mason St.	Mason St. Peabody Rd in Vacaville
SOL	80	2.6	Benicia Rd.	NE corner Benicia Rd. IC in Vallejo
SOL	80	1.8	Magazine St.	IC NW corner in Vallejo
SOL	12		Suisun City	Main and Florida
SOL	780	2.0	E. 2 nd St	NE corner, Benicia
SON	101	2.9	S. Petaluma Blvd.	SE corner IC
ALA	13	14.0	Folger St.	I-80 27th St.
Toll Road and Bridge Plazas				
ALA	80	1.99	SF-OAK Bay Bridge	San Francisco- Oakland Bay Bridge
SOL	80	0.46	Carquinez	Carquinez Bridge
ALA	84	3.18	Dumbarton	Dumbarton Bridge
ALA	92	2.57	San Mateo/Hayward	San Mateo- Hayward Bridge
CC	160	0.69	Antioch	Antioch Bridge
MAR	580	6.13	Richmond/San Rafael	Richmond - San Rafael Bridge
SOL	680	0.60	Benicia/Martinez	Benicia - Martinez Bridge

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on Department facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>





SECTION FOUR

REGIONAL WORK PLANS

4.0 HIGH RISK AREAS

A list of high risk areas within District 4 is presented in Table 4-1. High risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from Department owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the high-risk list based on discussion between the Regional Water Quality Control Board (RWQCB) and Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

In order to generate the list of high-risk municipal and domestic water supply reservoirs and ground water percolation facilities, the Department first contacted known public and private water supply providers. From the information received, the Department determined which facilities were susceptible to a direct spill from a Department activity or facility. This determination was based on proximity between the water body and the Department's facility, use characteristics of the facility, and the probable spill response time.

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS

Road Segment/ Facility	County	High Risk Area	Description	Comments
Route 128	Napa County	Lake Berryessa	Lake Berryessa is used as a domestic water supply.	The tight curves and steep grades along this section of Route 128 deters truck traffic resulting in a reduced exposure to hazardous spills.
Route 128	Napa County	Lake Hennessey	Lake Hennessey is utilized as a water supply.	Light truck traffic and slower speeds due to the alignment and grade of this section of Route 128 reduces the likelihood of hazardous spills.
Route 35	San Francisco County	Lake Merced	Adjacent to Route 35 in the City of San Francisco, Lake Merced is primarily used as a recreational area. It also serves as an emergency source for drinking water.	Storm water from Route 35 currently discharges directly to the lake via a series of down-drains.
Route 280	San Mateo County	Lower Crystal Springs Reservoir	Route 280 in San Mateo County crosses through a watershed that drains to both upper and lower Crystal Springs Reservoirs.	In order to preserve the quality of the reservoirs, it was necessary to develop a system that allows clean, natural runoff to drain to the reservoirs while freeway runoff was directed into a series of seven turbidity ponds.
Route 92	San Mateo County	Upper Crystal Springs Reservoir	Route 92 bisects the Upper Crystal Springs Reservoir from the Lower one. These reservoirs supply the San Francisco Water Department with water for domestic use.	A proposed safety project to widen and realign Route 92 in San Mateo County from Crystal Springs Reservoir to Route 35 will incorporate spill prevention and containment techniques. This Route acts as the main access to coastal communities and, as such, experiences heavy truck traffic.

Road Segment/ Facility	County	High Risk Area	Description	Comments
Route 24	Contra Costa County	San Pablo Reservoir	San Pablo Reservoir in the East Bay lies between Orinda and El Sobrante off San Pablo Dam Road. Reservoir is located at an elevation of 314 feet in the Berkeley hills. It has 860 surface acres. At San Pablo reservoir visitors can fish, picnic, hike or just relax in beautiful settings.	Runoff from Route 24 in Orinda discharges directly to San Pablo Creek which empties into San Pablo Reservoir. The light truck traffic and relatively straight horizontal alignment at this location reduces the likelihood of spills.
Route 24	Alameda County	Lake Temescal	Lake Temescal lies adjacent to Route 24 in the City of Oakland. Although the lake primarily serves as a recreational area, it may be utilized as an emergency water supply.	No comments.
SR 17, PM 18-18.6	Santa Clara County	Lexington Reservoir	Reservoir is municipal water supply source for approximately 10,000 residents in the towns of Saratoga and Los Gatos. Route 17 parallels Lexington Reservoir, which is located approximately three miles south of the Town of Los Gatos.	The lack of industrial facilities along this section of highway as well as the constrained horizontal and vertical geometry of the highway discourages heavy truck traffic. Trucks using Route 17 are most likely serving the nearby Santa Cruz and San Lorenzo Valley areas.
Routes 17 & 85	Santa Clara County	Percolation Facilities	Several Santa Clara Valley Water District (SCVWD) percolation ponds lie along Los Gatos Creek adjacent to Route 17 and the Route 17/85 Interchange in Campbell. The water source for most of these ponds is Los Gatos Creek.	While runoff from the Route 17/85 Interchange does not discharge to the nearby ponds, SCVWD is concerned that off-roadway accidents in which vehicles or trucks run down embankments could occur, thereby jeopardizing the ponds.
Route 101	Santa Clara County	Madrone Channel	This channel, near Morgan Hill, parallels Route 101 from Half Road to Llagas Creek, providing necessary flows for SCVWD groundwater recharge facilities. The source of flow within this channel is Anderson Reservoir via the Coyote-Madrone Pipeline.	No comments.

SECTION FIVE

REGIONAL WORK PLANS

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year. These projects are updates to the RWP provided each April.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after 2003) of land disturbance, designated as “SWPPP;”
- The project affects a 303(d) listed water body within the project limits, designated as “303d;”
- The project requires a 401 Water Quality Certification or Waiver, designated as “401;”
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and Department) designated as “SEP;”
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro;”
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT;”
- The project limits are with a “High Risk Area,” designated as “HR;” and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

The information presented in Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the storm water pollution prevention program.

TABLE 5-1: DISTRICT 4 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Category*	EA #	Co.	Route	BK PM	AH PM	Description	Water Bodies Impacted By Project	Criteria**	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Environmental Evaluation	Project Dev. (PA&ED)-Final EIS/EIR	Final Design PS&E Permit & Mitigation	Start Date	Completion Date
1	C	17490	SCL	152	14	21.3	Constr Passing & Truck Climbing Lns	San Felipe Lake (Hydrologic Unit)	SWPPP/401	6/30/93	1/1/01	9/1/02	8/1/03	6/1/04

* SWMP Category is defined in SWMP Section 4.4.1, Table 4-3,

(A) Beginning of Project Development Process prior to approval of the PSR

(B) PSR approved but Environmental Documents are not final

(C) Environmental documents final

(D) Environmental documents final, design complete and project in the construction phase of project delivery

** Criteria

SWPPP = Greater than 5 acres of land disturbance

303d = 303 (d) listed water body within project limits and affected by project

401 = 401 Certification/Waiver required

SEP = Supplemental Environmental Project

Retro = Storm Water Retrofit Project (SWMP 4.4.2)

LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit

HR = Project limits within High Risk Area

RB = RWQCB designated project as a potential threat to water quality

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
SCL	25	0.0-1.0	REMOVE SILT	Pacheco Creek	401	July 2002	October 2002
SCL	25	1.5-2.2	REMOVE SILT	Pacheco Creek	401	July 2002	October 2002
SCL	101	0.0--1.2	REMOVE SILT	Pacheco Creek	401	July 2002	October 2002
SCL	152	12.3	REMOVE SILT	Uvas Creek	401	July 2002	October 2002
SCL	152	12.5	REMOVE SILT	Uvas Creek	401	July 2002	October 2002
SCL	152	12.5-13.2	REMOVE SILT	Uvas Creek	401	July 2002	October 2002
SCL	152	13.8	REMOVE SILT	Uvas Creek	401	July 2002	October 2002
SCL	152	14.8	REMOVE SILT	Uvas Creek	401	July 2002	October 2002
SCL	152	16.31	REMOVE SILT	Soap Lake	401	July 2002	October 2002
SCL	152	16.44	REMOVE SILT	Soap Lake	401	July 2002	October 2002
SCL	152	16.54	REMOVE SILT	Soap Lake	401	July 2002	October 2002
SCL	152	16.58	REMOVE SILT	Soap Lake	401	July 2002	October 2002
SCL	152	16.78	REMOVE SILT	Soap Lake	401	July 2002	October 2002
SCL	152	16.83	REMOVE SILT	Soap Lake	401	July 2002	October 2002
SCL	152	16.9	REMOVE SILT	Soap Lake	401	July 2002	October 2002

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
SCL	152	17.1	REMOVE SILT	Soap Lake	401	July 2002	October 2002
SCL	152	17.33	REMOVE SILT	Soap Lake	401	July 2002	October 2002
SCL	152	17.42	REMOVE SILT	Soap Lake	401	July 2002	October 2002
SCL	152	17.47	REMOVE SILT	Soap Lake	401	July 2002	October 2002
SCL	152	17.91	REMOVE SILT	Soap Lake	401	July 2002	October 2002
SCL	152	18	REMOVE SILT	Soap Lake	401	July 2002	October 2002
SCL	152	18.3	REMOVE SILT	Soap Lake	401	July 2002	October 2002
SCL	152	19.6	REMOVE SILT	Soap Lake	401	July 2002	October 2002
SCL	152	24.08	REMOVE SILT	Pacheco Creek	401	July 2002	October 2002
SCL	152	24.3	REMOVE SILT	Pacheco Creek	401	July 2002	October 2002
SCL	152	24.65	REMOVE SILT	Pacheco Creek	401	July 2002	October 2002
SCL	156	0.0--0.5	REMOVE SILT	Pacheco Creek	401	Spring 2004	?

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Maintenance Facility and Activity Inspections				
All Maintenance Facilities within District 4 will be scheduled for annual inspection by the District Maintenance Storm Water Coordinator. These inspections will be used to ensure that BMPs are consistent with those described in each Facility Pollution Prevention Plan (FPPP). Also, the inspections will be used to evaluate the effectiveness of the BMPs and to recommend any needed changes to the BMPs or the FPPP, which are to be identified in the RWP for next year.				
The District Storm Water Coordinator will identify and schedule an inspection of all temporary waste locations to ensure that BMPs are implemented and to evaluate the adequacy of the BMPs in place. The inspections will be used to outline any recommended actions or modifications to the sites or the BMPs, which are to be identified in the RWP for next year.				
Maintenance Facility BMP Improvements				
Inspections described above must be conducted before identifying any improvements. The Regional Work Plan for next year will identify any improvements to be recommended.				
Maintenance BMP Actions/Modifications				
Inspections described above must be conducted before identifying any actions or modifications. The Regional Work Plan for next year will identify any improvements to be recommended.				
Vegetation Management and Vegetated Slope Management				
The District 4 Vegetation Control Plan (VCP) for FY 2002/03 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:				
<ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing program 				
Districts will provide the VCP for FY 02/03 to the RWQCB by May 15, 2002.				
The Department's Maintenance Inspection and Slope Stabilization Team (MISST) created a Preliminary Slope Inspection Form, further discussed in Annual Report Section 5.2.3, that will be used to inspect all roadside vegetated slopes over the course of 5 years. After approval of the program by the SWRCB, a plan to inspect District slopes will be submitted to the RWQCB at a mutually agreeable date.				

(1) Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Department staff.

(2) Criteria

303d	=	303 (d) listed water body with project limits and affected by project
401	=	401 Certification/Waiver required
LT	=	Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
HR	=	Project limits within High Risk Area
RB	=	RWQCB designated projects as a potential threat to water quality

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Monitoring Activities	
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan FY 001/002. The sites identified for monitoring in District 4 are as follows:	
LOCATION	3 YR SW ACTION PLAN SUPPORTING STUDY
Alameda County, Route 580 W	Highway Runoff Characterization Study
Contra Costa County, Route 680 N	Highway Runoff Characterization Study
Solano County, Route 680 S	Highway Runoff Characterization Study
Solano County, Route 80, Lemon Street North Park and Ride	Park and Ride Lot Characterization Study
Contra Costa County, Route 80, Willow Ave. East Park and Ride	Park and Ride Lot Characterization Study
Walnut Creek East Maintenance Station	Maintenance Station Characterization Study
Construction Compliance Monitoring Program	
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.	
The Construction Storm Water Coordinator will conduct a review of at least 20% of all projects that are required to have a SWPPP.	
The Construction Storm Water Coordinator and the District Storm Water Coordinator will conduct a formal review of each construction site associated with the retrofit or reconstruction of a toll bridge to ensure compliance with the Permit and adequate implementation of BMPs. The reviews will be completed during the period of September 1, 2002 to November 1, 2002.	
Training and Public Outreach	
Storm water staff intends to provide training on storm water processes for design staff. Approximately 4 training events are planned. Similar events will be planned for outreach to each of the transportation authorities (i.e. Contra Costa Transportation Authority), which commonly plan and design projects for construction within the Caltrans right-of-way. A reduced version of the training will be provided as a presentation at a Project Engineer Meeting during Summer 2002.	
The Division of Construction intends to repeat the introductory Storm Water Training for staff that need "refresher" training and any new staff. The need is unknown at this time, but the number of training events is assumed to be no greater than that held during the Fall of 2001. Additional training that specifically addresses responsibilities of Resident Engineers will be equivalent to the same training provided during the Fall of 2001. The class for Resident Engineers will be mandatory for those that did not attend the previous year and optional to those that did attend the previous training. All training will be made available to staff at the Transportation Authorities that have construction contracts within the State right-of-way.	

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

<p>The Division of Maintenance intends to provide "Storm Water Pollution Prevention" training to all maintenance employees. The training program is executed through the following four venues:</p> <ul style="list-style-type: none">• Annual Awareness Training• BMP tailgate meetings with crews every 10 working days• Facility Inspections to verify compliance - review with crew and supervisors• Operational BMP inspections to verify compliance - review with crew and supervisors <p>Verification of all Annual Awareness Training is accomplished through the use of training forms and/or a sign in sheet. A test that consists of 10 questions is completed to verify the effectiveness of the Annual Awareness Training.</p>
<p>The District will develop a minimum of two articles per year for addressing storm water news and issues for publication in the District newsletter, <i>Fourword</i>. This newsletter is published periodically (typically on a quarterly basis) and distributed to all district employees.</p> <p>Additionally, the articles will be made available for use in project newsletters such as, <i>Cypress Local Link</i> and <i>Carquinez Connection</i>, when these opportunities exist. Regional residents and businesses identified on project mailing lists receive these publications. All project newsletters are available at the District and project Public Information Offices.</p>
<p>The District developed a Storm Water Pollution Prevention pamphlet approximately five years ago as apart of the District's previous storm water permit obligation. This pamphlet contains a variety of useful facts and information regarding storm water, the pamphlet provides advice to motorists on properly maintaining their vehicles, disposing of used vehicle fluids, and the advantages of alternative transportation modes. The Storm Water Pollution Prevention pamphlet will be available to the public at the District Office and any field Public Information Offices.</p>
<p>Municipal Coordination</p>
<p>The District Storm Water Coordinator will meet with the other permitted municipalities at a minimum of one time during the reporting period. The attendance of the Coordinator or associated staff at county organized meetings (i.e. Alameda Clean Runoff Program) where the permittees are represented will constitute fulfillment of this goal. The Coordinator will bring to the attention the municipalities any illicit discharges or connections that have been discovered within the Caltrans right-of-way that are associated with a municipality's jurisdiction. This may also be accomplished by sending written correspondence to the municipality. The Coordinator will also discuss possible opportunities to participate in public outreach programs that are sponsored by the municipalities.</p>
<p>The District Storm Water Coordinator will make contact with entities that commonly conduct work within the right-of-way. During the period of this RWP, the Coordinator will seek to obtain agreement with Pacific Gas and Electric (PG&E), Pacific Bell, and the East Bay Municipal Utility District (EBMUD) that these entities will conduct their operations in a manner that properly utilizes BMPs for storm water quality.</p>

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION

3

CALTRANS DISTRICT

5

PREPARED FOR **THE STATE WATER RESOURCES CONTROL BOARD**

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN FOR FISCAL YEAR 2002/2003

REGION 3

Central Coast Regional
Water Quality Control Board

CTSW-RT-01-075



California Department of Transportation
District 5
50 Higuera Street
San Luis Obispo, CA 93401-5415

April 1, 2002

**CERTIFICATION
REGIONAL WORK PLAN
California Regional Water Quality Control Board
Central Coast Region 3
Fiscal Year 2002/2003
April 1, 2002**

California Department of Transportation District 5

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment of knowing violations. [40 CFR 122.22(d)]

ORIGINAL SIGNED BY

Gregg Albright
Acting District Director

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1.0 INTRODUCTION

The purpose of the Regional Work Plans (RWPs) is to describe how the Department of Transportation's (the Department's) Districts will specifically implement the Statewide Storm Water Management Plan (SWMP) within the jurisdiction of each Regional Water Quality Control Board (RWQCB) during Fiscal Year 2002/2003 as required by the Department's Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District 5's storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

The RWP provides region-specific information on Department facilities, water bodies, and Best Management Practices (BMPs), and monitoring programs according to the following sections:

- Section 1 – Introduction;
- Section 2 – Department Personnel and Responsibilities;
- Section 3 – District Facilities and Water Bodies;
- Section 4 – High Risk Areas; and
- Section 5 – Implementation Activities.

2.0 DEPARTMENT PERSONNEL AND RESPONSIBILITIES

The majority of District 5 falls within the jurisdiction of the Central Coast RWQCB. There is a small area located in the eastern part of San Benito County that is not within the jurisdiction of the Central Coast RWQCB, but there are no State Highways in that part of the county. District 5 is one of four Districts within the Department that compose the Central Region. District 5 takes part in the Central Region Storm Water Program to achieve compliance within the District. An organizational chart for the Central Region Storm Water Program is included as Figure 2-1 on page 2-2. Staff responsible for implementing the SWMP within the Central Coast RWQCB's jurisdiction are listed in Table 2-1.

TABLE 2-1: DEPARTMENT STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Marc Boswell	Senior Regional NPDES Coordinator	559-243-3565	Marc.Boswell@dot.ca.gov	Responsible for permit compliance and SWMP implementation within the Central Region. Oversees all Central Region Proj. Dev. Div. SW Control employees.
Jennifer O'Neal	District NPDES Coordinator	805-784-9521	Jennifer.O'Neal@dot.ca.gov	Primary point of contact for storm water within District 5.
Jon Wood	District Maintenance SW Coord	805-549-3836	Jon.Wood@dot.ca.gov	Responsible for coordinating Maintenance storm water activities.
Pete Riegelhuth	District Construction SW Coord	805-549-3661	Pete.Riegelhuth@dot.ca.gov	Responsible for coordinating Construction storm water activities.

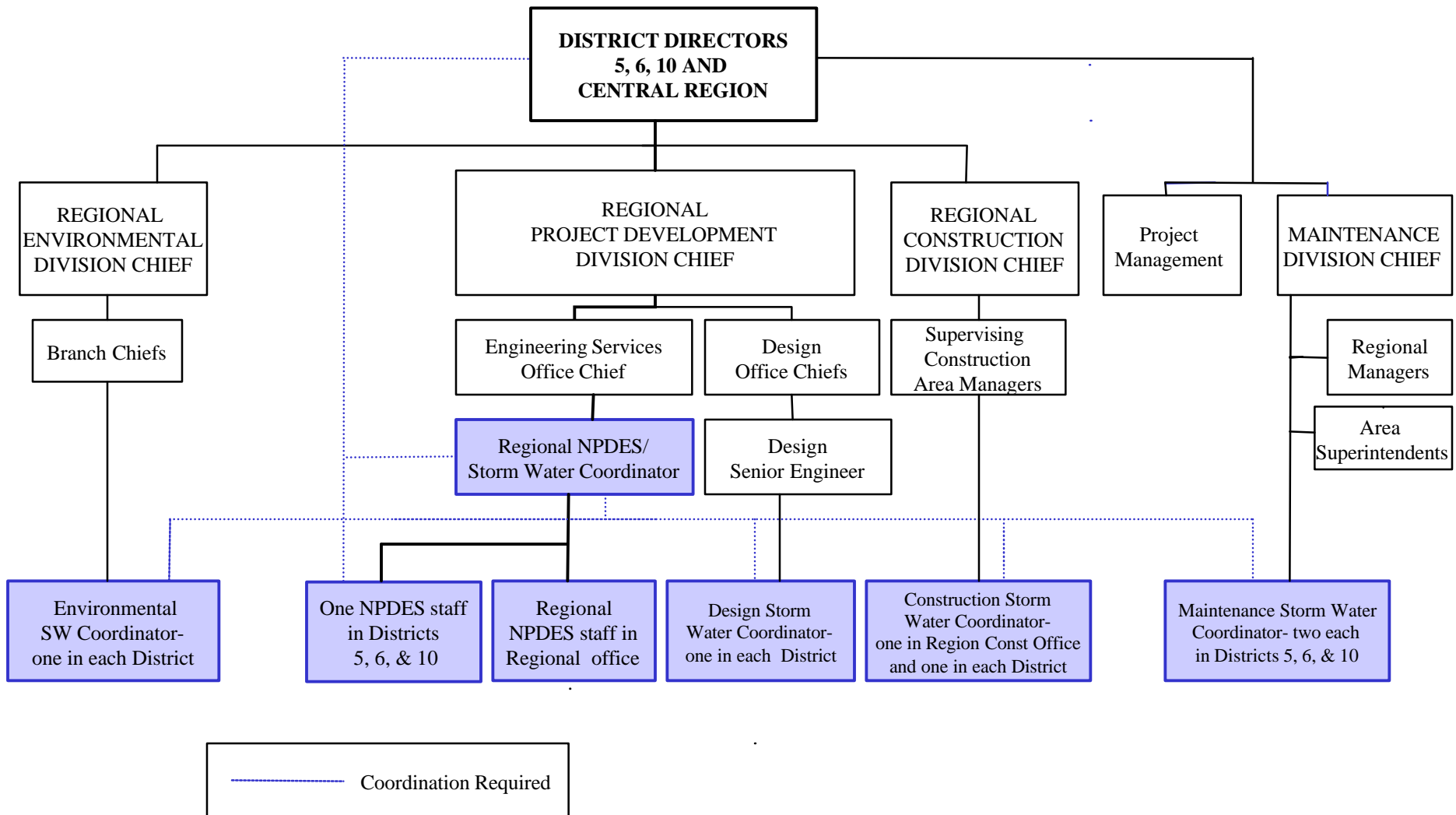
In compliance with Permit Section M. 10. b, the following positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board (SWRCB) or the RWQCB.

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Positions	Documents Authorized for Signature
District Director	All
Senior Regional NPDES Coordinator	All correspondence with the RWQCB including responses to enforcement activities.
Senior Project Engineer	Notice of Construction
Construction Senior or Resident Engineer	Amendments to the Notice of Construction; SWPPP approval; Notice of Completion of Construction.
Maintenance Superintendent	Maintenance activity reports.

**DISTRICTS 5, 6, 10 and CENTRAL REGION
STORM WATER ORGANIZATIONAL CHART**

FIGURE 2-1



SECTION THREE

District 5 Regional Work Plans

3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies the Department's facilities and water bodies within each District and Regional Board jurisdiction. A list of Department facilities, excluding roadways, is presented in Table 3-1. A map showing District 5 boundaries within the Central Coast RWQCB and major roads and highways is presented in the *Caltrans Statewide Storm Water Management Plan*, Appendix A, Figure A-9, page A-30.

TABLE 3-1: DISTRICT 5 FACILITIES

CO	Route	PM	Name	Comments
Maintenance Stations				
SLO	101	27.5	San Luis Obispo	District 5 Office
SLO	101	27.5	San Luis Obispo	Hwy Maintenance
SLO	101	52.4	Templeton	Hwy Maintenance
SLO	1	46.0	Cambria	Hwy Maintenance
SLO	41	42.3	Shandon – U.C.	Hwy Maintenance
SLO	166	60.1	Cuyama	Hwy Maintenance
MON	1	10.4	Willow Springs	Hwy Maintenance
MON	1	46.3	Big Sur	Hwy Maintenance
MON	68	5.2	Monterey	Hwy Maintenance
MON	101	39.8	King City	Hwy Maintenance
MON	101	86.3	Salinas	Hwy Maintenance
SBT	156	11.7	Hollister	Hwy Maintenance
SB	101	18.1	Santa Barbara	Hwy Maintenance
SB	101	57.7	Buellton	Hwy Maintenance
SB	135	13.5	Santa Maria	Hwy Maintenance
SCR	1	14.9	Santa Cruz	Hwy Maintenance
Vista Points				
SLO	1	52.8	San Simeon Area	Vista Point
SLO	1	55.5	San Simeon Area	Vista Point
SLO	1	55.9	San Simeon Area	Vista Point
SLO	1	56.0	San Simeon Area	Vista Point
SLO	1	57.1	San Simeon Area	Vista Point
SLO	1	60.6	San Simeon Area	Vista Point
SLO	1	61.3	San Simeon Area	Vista Point
MON	1	11.3	Willow Creek (USFS)	Vista Point
MON	1	11.6	Willow Creek	Vista Point
MON	1	27.0	Big Sur	Vista Point
MON	1	37.0	Pfieffer Burns State Park	Vista Point
MON	1	63.0	Garrapata Creek	Vista Point
SB	101	41.1	Arroyo Hondo	Vista Point
SB	154	13.6	Bradbury Dam Overlook	Vista Point
SB	154	22.0	Cold Springs Rancho Cielo	Vista Point

SECTION THREE

District 5 Regional Work Plans

TABLE 3-1: DISTRICT 5 FACILITIES (Continued)

CO	Route	PM	Name	Comments
Commercial Vehicle Enforcement Facilities				
None				
Roadside Rest Areas				
SLO	46	49.6	Shandon	0.9 mi. E of Route 41 (W)
MON	101	R3.1	Camp Roberts	8.5 mi. N of San Miguel; NB & SB
SB	101	46.9	Gaviota	At S end of Gaviota Tunnel; NB & SB
Park and Ride Facilities				
SLO	41	16.1	Mall – Atascadero	Mall extension near Santa Ysabel
SLO	101	42.3	Atascadero	SE corner of Santa Barbara Road IC
SLO	101	44.8	Cubaril Avenue	NE side Cubaril Ave. IC in Atascadero
SB	135	10.4	Orcutt	NW corner of Clark Ave. IC
SB	135	10.4	Orcutt	NE corner of Clark Ave. IC
SB	135	82.2	Orcutt	SE corner of Clark Ave. IC
SB	246	34.4	Santa Ynez	N side of Route 246 @ Jct. Rts 246 & 154
Sand and Salt Staging Areas				
None				
Snow Storage Sites				
None				
Toll Road and Bridge Plazas				
None				

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on Department facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>

4.0 HIGH RISK AREAS

A list of high risk areas within District 5 is presented in Table 4-1. High risk areas are defined in Section E.2 of the Permit to include areas such as locations where spills from the Department's right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the high-risk list based on discussion between the RWQCB and the Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

In order to generate the list of high-risk municipal and domestic water supply reservoirs and ground water percolation facilities the Department first contacted known public and private water supply providers. From the information received, the Department determined which facilities were susceptible to a direct spill from a Department activity or facility. This determination was based on proximity between the water body and any Department facility, use characteristics of the facility(ies), and the probable spill response time.

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS

Road Segment/ Facility	County	High Risk Area	Description	Comments
SB-154 PM 10-20	Santa Barbara	Lake Cachuma	Reservoir is municipal water supple source for approximately 200,000 residents of Santa Barbara County including the cities of Santa Barbara, Montecito, Carpenteria, Goleta, and Summerland.	Route 154 is not a high volume truck route. The route is mainly used by passenger vehicle traffic. Storm water discharges from the highway do not free-fall discharge into the reservoir, instead the discharge follows vegetated drainage courses prior to reaching any surface water. In the early 1980's legislation was passed that prohibits trucks from transporting hazardous waste or hazardous material within the vicinity of the lake.

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. The Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year. These projects are updates to the RWP provided in April.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after 2003) of land disturbance, designated as “SWPPP”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and the Department) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT”;
- The project limits are within a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

The information presented in Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the storm water pollution prevention program.

TABLE 5-1: DISTRICT 5 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
1	D	05-47560_	MON	1	74.9 / 77.4	CONSTRUCT THRIE BEAM BARRIER NEAR MONTEREY FROM 0.6 KM NORTH OF CARPENTER STREET TO AGUAJITO RD UC (KP 120.6/R124.5)	CARMEL BAY, PESCADERO CANYON, HATTON CANYON	SWPPP	13.4	9/28/2000	10/30/2000	3/1/2002	12/1/2002	9/1/2003
2	B	05-31592_	MON	1	100.4/101.5	CONSTRUCT NEW INTERCHANGE	PAJARO RIVER	401 303(d) SWPPP	75	7/1/2000	10/1/2005	NA	NA	NA
3	D	05-47570_	MON	1	R78.2 / R81.5	CONSTRUCT THRIE BEAM BARRIER IN MONTEREY FROM FREMONT ST OC TO 1.3 KM NORTH OF ORD VILLAGE OH (KP R125.9/R131.2)	MONTEREY BAY, ROBERTS LAKE,LAGUNA GRANDE, DEL MONTE LAKE	SWPPP	17.5	10/30/2000	10/30/2000	3/1/2002	10/1/2002	8/1/2003
4	A	05-0E020_	MON	1	R90.4 / R100.4	CORRIDOR STUDY NEAR CASTROVILLE FROM MOLERA RD OC TO 0.6 MILES SOUTH OF SALINAS RD (KP 145.5/161.6)	TEMBLADERO SLOUGH, MOROCOJO SLOUGH, ELKHORN SLOUGH,BENNETT SLOUGH, STRUVE POND	401 303(d) SWPPP	99	9/30/2001	NA	NA	NA	NA
5	B	05-0A140_	MON	101	76 / 77.9	CONSTRUCT MEDIAN BARRIER NEAR CHUALAR FROM 1.4 KM NORTH TO 1.5 KM SOUTH OF MAIN ST OC (KP 122.4/125.3)	SALINAS RIVER, CHUALAR CREEK	401 303(d) SWPPP	12	9/1/1999	12/1/2002	12/1/2003	5/1/2004	7/1/2005
6	B	05-0E350_	MON	101	77.8 / 81	CONSTRUCT MEDIAN BARRIER NEAR SALINAS FROM 1.0 MI SOUTH OF ESPERANZA RD TO SPENCE RD. (KP 125.3/130.4)	QUAIL CREEK	SWPPP	16	8/24/2001	2/1/2003	7/1/2004	10/1/2004	2/1/2005
7	B	05-31580_	MON	101	100/101.3	CONSTRUCT NEW INTERCHANGE	SAN JUAN CREEK	401 SWPPP	6	10/30/2000	7/1/2006	8/1/2009	2/1/2010	1/1/2013
8	B	05-46410_	MON	101	R3.1/R5.2	UPGRADE AND REPAIR FACILITIES- N/B ADDRESS PARKING ISSUES-S/B	SALINAS RIVER	401 303(d) SWPPP	5.7	4/24/2001	4/24/2001	10/1/2003	4/1/2004	5/1/2006
9	B	05-0161B_	MON	101	R91.2 / R100.2	OPERATIONAL IMPROVEMENTS NEAR PRUNEDALE AND SALINAS FROM 0.8 KM NORTH OF BORONDA RD TO 0.8 KM NORTH OF CRAZY HORSE RD	ELKHORN SLOUGH, TEMBLADERO SLOUGH,	401 303(d) SWPPP	4	4/10/1984	12/1/2002	#####	4/9/2004	7/1/2005
10	B	05-0161X_	MON	101	R91.2 / R100.2	CONSTRUCT FREEWAY IN AND NEAR SALINAS FROM 0.3 KM NORTH OF BORONDA RD TO 1.1 KM SOUTH SAN JUAN RD AND AT PRUNEDALE ON RTE 156 FROM 1.0 KM WEST OF MERIDIAN RD TO RTE 101	ELKHORN SLOUGH, SALINAS RECLAMATION CANAL, ESPINOSA SLOUGH, TEMBLADERO SLOUGH, MERRITT LAKE, LAGUNITA LAKE,SANTA RITA LAKE, SAN MIGUEL CREEK, PRUNEDALE CR, VIERRA CR, PESANTE CR,SANTA RITA CR, CRAZY HORSE CR, GABILON CR	401 303(d) SWPPP	815	8/6/2001	12/1/2005	6/1/2007	11/1/2010	11/14/2011
11	B	05-0G020_	MON	101	R91.5 / R98.8	HIGHWAY REHAB NEAR SALINAS FROM 0.5 KM SOUTH OF ESPINOSA RD TO 0.2 KM NORTH OF ECHO VALLEY ROAD (KP R147.3/159.0)	SAN MIGUEL CANYON. VIERRA CANYON, TEMBLADERO SLOUGH	401 303(d) SWPPP	6	8/24/2001	1/1/2005	1/1/2007	6/1/2007	10/1/2007

TABLE 5-1: DISTRICT 5 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
12	B	05-31600	MON	156	R1.6/R5.2	WIDEN TO 4 LANE DIVIDED EXPRESSWAY	MORO CUJO SLOUGH	401 303(d) SWPPP	111	1/12/1998	7/1/2005	NA	NA	NA
13	B	05-0E240_	MON	183	0 / .1	PAVEMENT REHABILITATION VARIOUS LOCATIONS FROM JCT BERNAL / 183 TO .2 KM S/O RTE 183 & FROM .1 KM S/O MONTEREY ST TO .2 KM N/O MARKET CIRCLE (KP 0.0/0.2) (KP 1.1/R3.4)		SWPPP	19	9/17/2001	10/1/2002	4/1/2006	7/1/2006	2/1/2008
14	C	05-48460_	SB	1	2.2 /	REPAIR SLIPOUT NEAR LAS CRUCES (KP 3.5)		SWPPP	5	NA	3/1/2002	3/1/2003	8/1/2003	3/1/2005
15	B	05-0A480_	SB	1	41.7 / 49.2	AC OVERLAY AND WIDEN SHOULDERS NEAR SANTA MARIA FROM BLACK RD TO JCT RTE 166/1 (KP 67.1/79.2)	SOLOMON CREEK	401 SWPPP	5	9/8/2000	10/1/2003	9/1/2005	1/1/2006	11/1/2006
16	D	05-48740_	SB	1	M29.9 / M36.4	PAVEMENT REHABILITATION NEAR LOMPOC FROM MAIN GATE VAFB TO SOLOMAN RD (KP M48.1/R58.6)	SAN ANTONIO CREEK	401 303(d) SWPPP	15	8/31/1999	8/31/1999	7/15/2002	3/1/2003	4/1/2004
17	B	05-0A400	SB	33	0.0/8.2	REHABILITATE ROADWAY	QUANTAL CREEK, BALLINGER CREEK	401 SWPPP	5	8/20/2001	8/1/2003	9/1/2005	5/1/2006	5/1/2007
18	B	05-44780_	SB	101	10.8 / 12.8	RECONSTRUCT TWO INTERCHANGES ADD LANES AND RAMP IN AND NEAR SANTA BARBARA FROM CABRILLO/HOT SPRINGS ROAD TO MILPAS SEPARATION BRIDGE (51-192R/L) (KP18.34/20.59)	SYCAMORE CREEK	401 SWPPP	10	10/6/1996	7/1/2002	3/1/2005	9/1/2005	9/1/2008
19	B	05-44820_	SB	101	2.2 / 3.3	RECONSTRUCT INTERCHANGES (2) & REPLACE CARPINTERIA CR BR IN SANTA BARBARA COUNTY IN CARPINTERIA FROM 0.2 MILE SOUTH OF CARPINTERIA CREEK BRIDGE TO 0.3 MILES NORTH OF LINDEN AVE OC (3.5/5.3)	FRANKLIN CREEK, CARPINTERIA CREEK	401 303(d) SWPPP	17	10/24/1995	7/1/2002	3/1/2005	9/1/2005	3/1/2008
20	A	05-0G070_	SB	101	22.5 / 22.9	DRAINAGE UPGRADES IN GOLETA AT LAS VEGAS CREEK AND SAN PEDRO CREEK (KP 36.2/36.9)	LAS VEGAS CREEK, SAN PEDRO CREEK	401 SWPPP	6.2	10/15/2001	NA	NA	NA	NA
21	D	05-37150_	SB	101	26.9 /	REPLACE BRIDGE ON NEW ALIGNMENT IN SANTA BARBARA COUNTY IN GOLETA AT HOLLISTER AVENUE OVERCROSSING		SWPPP	5	12/1/1992	3/1/2001	2/1/2002	7/1/2002	2/1/2004
22	B	05-40260_	SB	101	39.4 / 40.1	REALIGN SOUTHBOUND LANES INTO EXISTING MEDIAN AND BYPASS BRIDGE NEAR GAVIOTA FROM 0.6 KM SOUTH TO 0.6 KM NORTH OF ARROYO QUEMADO BRIDGE BR# 51-28L (KP 63.4/64.6)	ARROYO QUEMADO	SWPPP	10	4/1/1999	8/1/2002	7/1/2005	11/1/2005	2/1/2006
23	B	05-46380_	SB	101	83.4 / 83.8	CONSTRUCT INTERCHANGE IN SANTA MARIA AT UNION VALLEY RD (KP 134.2/134.9)		SWPPP	49	10/1/1997	1/1/2003	1/1/2005	6/1/2005	7/1/2006
24	B	05-44601_	SB	101	84 / 91	WIDEN TO 6-LN FREEWAY IN AND NEAR SANTA MARIA FROM 0.5 KM SOUTH OF S. SANTA MARIA WAY U.C. TO ROUTE 135 OVERCROSSING (KP 135.2/146.5)	SANTA MARIA RIVER	401 303(d) SWPPP	40	10/23/2000	10/23/2000	6/1/2003	3/1/2004	8/1/2005
25	D	05-46210_	SB	101	12.7/19.8	UPGRADE PLANTING AND IRRIGATION AND SAFETY IMPROVEMENTS	MISSION CREEK, LAGUNA CHANNEL	401 303(d) SWPPP	5.5	9/19/2000	9/19/2000	4/29/2002	8/1/2002	6/1/2004

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No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
26	C	05-47480_	SB	101	R0 / R2.1	CONSTRUCT MEDIAN BARRIER FROM VENTURA/SANTA BARBARA CO LINE TO 0.5 KM SOUTH OF CARPENTERIA CREEK BRIDGE NEAR THE CITY OF CARPENTERIA (KP R0.0/R3.4)	RINCON CREEK	SWPPP	10	NA	7/1/2003	8/1/2004	12/1/2004	9/1/2005
27	A	05-0G160_	SB	166	0 / 6.6	RELOCATE DRAINAGE DITCHES ALONG ROUTE 166 BETWEEN THE CITIES OF SANTA MARIA AND GUADALUPE (KP 0.0/10.62)		SWPPP	8	8/24/2001	NA	NA	NA	NA
28	B	05-0A490_	SB	166	55.1 / 70.1	AC OVERLAY "IN S/B COUNTY NEAR CUYAMA, FROM" 5.1 KM EAST OF COTTONWOOD CANYON RD TO 1.1 KM EAST OF CUYAMA RIVER BRIDGE (KP 88.7/R112.9) (KP R112.9/113.6)	BRANCH CANYON CREEK, SALSBUURY CANYON CREEK, CUYAMA RIVER	401 SWPPP	110	9/1/1999	7/1/2002	2/1/2005	7/1/2005	7/1/2007
29	A	05-0C620	SB	166	0/6.9	WIDEN TO 4 LANES OR WIDEN TO PROVIDE LEFT TURN CHANNELIZATION	SANTA MARIA RIVER	401 SWPPP	85	8/2/2001	7/1/2005	NA	NA	NA
30	A	05-0F570_	SB	192	2.4 / 3	SHOULDER WIDENING ON FOOTHILL RD BETWEEN ALAMAR AVE AND MISSION CANYON / TOMOE RD (KP 3.91/4.95)	AQUEDUCT	401 SWPPP	3.6	8/24/2001	NA	NA	NA	NA
31	A	05-0C640_	SB	246	9.6 / 20.9	WIDEN TO 4 LANE DIVIDED EXPRESSWAY IN LOMPOC FROM RTE 1/246 SEPARATION TO BUELLTON CITY LIMITS (KP 15.4/40.2)	SANTA ROSA CREEK	401 SWPPP	92	9/15/2001	NA	NA	NA	NA
32	B	05-48540_	SBT	25	51.5/60.1	WIDEN FROM 2C TO 4E & MODIFY THE 25/101 INTERCHANGE	PAJARO RIVER, CANADERO CREEK	401 SWPPP	385	4/2/2001	8/1/2007	NA	NA	NA
33	C	05-34490_	SBT	156	3.3 / 7.7	WIDEN 2 TO 4 LANES IN AND NEAR SAN JUAN BAUTISTA FROM 0.5 KM EAST OF ALAMEDA ST TO UNION-MITCHELL RD (KP 5.0/12.4)	SAN JUAN CREEK	401 SWPPP	20	9/11/1997	7/1/2002	3/1/2007	7/15/2007	4/14/2009
34	A	05-0C700_	SBT	156	R13.2/R18.4	WIDEN TO 4 LANES AND CONSTRUCT INTERCHANGE	SANTA ANA CREEK, TESQUISQUITO SLOUGH, PACHECO CREEK	401 SWPPP	110	6/1/2001	NA	NA	NA	NA
35	A	05-0E920_	SBT	166	27/69.1	OPERATIONAL IMPROVEMENTS		SWPPP	15	6/1/2001	NA	NA	NA	NA
36	C	05-12910_	SCR	1	15.8 / 17.6	CONSTRUCT MERGE LANES ON RTE 17 AND RTE 1 IN SANTA CRUZ COUNTY ON RTE 1 FROM MORRISSEY BLVD TO RIVER ST AND ON RTE 17 FROM OCEAN ST TO PASATIEMPO OC	CARBONERA CREK, BRANIFORTE CREEK	401 303(d) SWPPP	50	10/2/1996	7/1/2002	2/1/2003	10/1/2003	10/1/2006
37	B	05-44130_	SCR	1	R2.3 / R2.5	REVISE INTERCHANGE IN SANTA CRUZ COUNTY IN WATSONVILLE AT ROUTE 1 AND HARKINS SLOUGH ROAD INTERCHANGE	HARKINS SLOUGH	401 SWPPP	6	5/8/1998	7/1/2002	1/1/2004	6/1/2004	7/1/2005
38	D	05-47470_	SCR	1	R3.2 / R5	CONSTRUCT MEDIAN BARRIER NEAR WATSONVILLE FROM AIRPORT BLVD OC TO 1.3 KM NORTH OF BUENA VISTA DR UC (KP R5.1/R8.0)	HARKINS SLOUGH	SWPPP	15	6/22/2000	6/22/2000	10/1/2001	1/31/2002	1/31/2003
39	C	05-45640_	SCR	129	7.2 / 7.3	LEFT/RIGHT TURN CHANNELIZATION AND ACCELERATION LANES NEAR WATSONVILLE AT ROGGE LANE (KP 11.4/11.7)	SAN LORENZO RIVER	401 303(d) SWPPP	0.5	9/5/1997	1/6/2001	2/1/2003	8/1/2003	7/1/2004

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										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
40	A	05-44480	SCR	152	T0.3/T1.9	PAVEMENT REHABILITATION	CASSERLY CREEK	401 SWPPP	12	9/5/2001	NA	NA	NA	NA
41	C	05-36530_	SLO	0	L5714	CONSTRUCT MAINTENANCE STATION IN SAN LUIS OBISPO COUNTY NEAR SAN LUIS OBISPO	SAN LUIS OBISPO CREEK	401 303(d) SWPPP	7	12/1/1991	7/1/2002	4/1/2003	4/1/2005	1/1/2007
42	B	05-42074	SLO	1	68.2	UPGRADE DRAINAGE STRUCTURE PHASE 3	ARROYO DE LOS CHINOS	401 SWPPP	3.6	10/11/1996	1/1/2004	7/1/2005	1/1/2006	10/1/2006
43	D	05-41280_	SLO	1	4.6 / 5.1	REALIGN CURVE NEAR ARROYO GRANDE FROM 4.6 KM NORTH OF OSO FLACO UP TO 0.2 KM NORTH OF WILLOW RD (KP 7.5/8.3)		SWPPP	6	108/97	5/16/2000	2/1/2002	7/1/2002	7/1/2003
44	B	05-0C670	SLO	1	8.9/11.2	OPERATIONAL IMPROVEMENTS	LOS BERROS CREEK	401 SWPPP	5	11/21/2000	10/1/2006	NA	NA	NA
45	B	05-34530_	SLO	41	10.8/11.9	CONSTRUCT N/B & S/B PULLOUTS, WIDEN SHOULDERS & OVERLAY PAVEMENT	MORRO CREEK	401 SWPPP	2	2/8/2001	2/8/2001	11/1/2003	4/2/2004	10/3/2005
46	D	05-45260	SLO	41	49.7/50.4	EXTEND TRUCK PASSING LANES AND WIDEN SHOULDER	COTTONWOOD CREEK	401 SWPPP	5	8/26/1997	1/1/2002	8/1/2002	1/1/2003	8/1/2004
47	B	05-3307U	SLO	46	32.2/50.2	CONVERT 2 LN HWY TO 4 LN EXPRESSWAY NEAR PASO ROBLES FROM AIRPORT RD TO 0.6 KM EAST OF SHANDON ROADSIDE REST AREA KP 51.8/80.0	ESTRELLA RIVER, CHOLAME CREEK	401 SWPPP	175	1/27/1998	7/2/2003	1/1/2004	7/1/2004	7/1/2007
48	B	05-0C650	SLO	46	55.1/60.9	2C TO 4C		SWPPP	147	6/16/2000	10/1/2003	12/1/2006	7/1/2007	11/1/2010
49	B	05-44590_	SLO	101	0 / .8	"WIDEN & REPLACE BRIDGES, CONSTRUCT" AUX LANES & BICYCLE PATH "NEAR SANTA MARIA, FROM THE JCT OF" RTE 135/101 TO NORTH OF THE JCT OF RTE 166/101 (KP SLO 0.0/1.3)(KP S/B 145.6/146.4)	SANTA MARIA RIVER	401 SWPPP	50	7/1/2001	NA	NA	NA	NA
50	D	05-0C100_	SLO	101	12.5 / 14.7	PLANTING AND IRRIGATION RESTORATION IN ARROYO GRANDE FROM BRIDGE ST UC TO 0.1 KM NORTH OF OAK PARK OC (KP 20.1/23.7)	ARROYO GRANDE CREEK	SWPPP	5.1	8/26/1999	10/2/2001	1/1/2003	5/1/2003	11/1/2006
51	B	05-48560_	SLO	101	13.3 / 21.8	OPERATIONAL IMPROVEMENTS AUXILIARY LANES FROM 0.2 KM NORTH OF 227/101 SEPARATION TO AVILA RD UC (KP 21.4/R35.1)	SLO CREEK, PISMO CREEK	401 303(d) SWPPP	10	2/1/2000	7/1/2003	7/1/2005	12/1/2005	1/1/2007
52	D	05-31420_	SLO	101	28.4 / 28.7	CONSTRUCT SOUND ATTENUATION WALL IN SAN LUIS OBISPO COUNTY IN SAN LUIS OBISPO FROM MARSH STREET SEPARATION BRIDGE TO STENNER CREEK BRIDGE (KP 45.7/46.2)	STENNER CREEK,SAN LUIS OBISPO CREEK	401 303(d) SWPPP	1.7	12/29/2000	12/29/2000	7/1/2002	12/1/2002	4/1/2003
53	B	05-0A170_	SLO	101	41.3 / 46.9	CONSTRUCT MEDIAN BARRIER IN AND NEAR ATASCADERO FROM 1.6 KM SOUTH OF SANTA BARBARA RD OC TO SAN ANSELMO RD OC (KP 66.4/75.4)	ATASCADERO CREEK	SWPPP	29	8/30/1999	7/1/2002	10/1/2003	4/1/2004	7/1/2005
54	B	05-38840_	SLO	101	16.0/16.6	EXTEND LOCAL STREET AND CONSTRUCT BRIDGES- OPERATIONAL IMPROVEMENT	PISMO CREEK	401 SWPPP	6	4/7/1998	7/1/2003	9/1/2005	1/1/2006	7/1/2007

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										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
55	A	05-40300	SLO	101	16/16.5	REPAIR CONCRETE APRON EMBANKMENT IN SAN LUIS OBISPO IN PISMO BEACH AT HINDS AVE OVERCROSSING	PISMO CREEK	401 SWPPP	2	2/1/2000	NA	NA	NA	NA
56	D	05-34548-	SLO	101	32.7/35.5	MITIGATION PLANTING FOR PARENT PROJECT 345411	SAN LUIS OBISPO CREEK	401 303(d) SWPPP	2	7/7/1998	7/7/1998	1/1/2002	4/1/2002	8/1/2005

NA = NOT AVAILABLE

SWMP Category is defined in SWMP Section 4.4.1, Table 4-3

- (A) Beginning of Project Development Process prior to approval of the PSR
- (B) PSR approved but Environmental Documents are not final
- (C) Environmental documents final
- (D) Environmental documents final, design complete and project in the construction phase of project delivery

CRITERIA

SWPPP = greater than 5 acres of land disturbance (1 acre after March 2003)

303d = 303(d) listed

401 = 401 Cert,

SEP = Supplemental Environmental Project

Retro = Storm Water Retrofit Project (SWMP 4.4.2)

LT = Lahontal RWQCB specific requirements for the Lake Tahoe Hydrologic Unit

HR = High Risk Area Present

RB = RWQCB designated projects posing a threat to water quality

SECTION FIVE

District 5 Regional Work Plans

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
District 5 Maintenance conducts activities based on local road conditions. Most Maintenance work is completed as a reaction to a storm event or other emergency incidents. All maintenance activities regardless of the location are conducted in compliance with the Department NPDES permit and SWMP. Major activities are coordinated through the project development process where it is ensured that the appropriate temporary and permanent BMPs are incorporated into each project to minimize the potential for a nonstorm water discharge.							
Maintenance Facility and Activity Inspections							
All maintenance stations will be inspected by January of 2002 and all rest areas and park & rides to be inspected by April of 2002.							
Maintenance Facility BMP Improvements							
One summer activity will be reviewed / inspected: paving, chip sealing, or similar. Two winter activities will be reviewed / inspected: drain cleaning, etc. Target: two activities per year – total.							
Maintenance BMP Actions/Modifications							
Bring approved new technology on board as it becomes available and recommend the placement of permanent BMP projects into any Maintenance Station improvement plan. New BMPs or modifications to BMPs implemented at Maintenance facilities will occur as deficiencies or improvements are identified during the facility inspections.							
Vegetation Management and Vegetated Slope Management							
The District 5 Vegetation Control Plan (VCP) for FY 2002/03 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items: Type of chemical to be applied and form (dry or liquid); Application locations, lengths, widths, total area, rates, frequency, total amount; Reason for application; Mowing program. Districts will provide the VCP for FY 02/03 to the RWQCB by May 15, 2002.							
The Department's Maintenance Inspection and Slope Stabilization Team (MISST) created a Preliminary Slope Inspection Form, further discussed in Annual Report Section 5.2.3, that will be used to inspect all roadside vegetated slopes over the course of 5 years. After approval of the program by the SWRCB, a plan to inspect District slopes will be submitted to the RWQCB at a mutually agreeable date.							
	Route/PM		County	Inspection Schedule	Remediation Action Planned		

SECTION FIVE

District 5 Regional Work Plans

(1) Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Department staff.

(2) Criteria

- SWPPP = Greater than 5 acres of land disturbance
- 303d = 303(d) listed water body with project limits and affected by project
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated projects as a potential threat to water quality

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Monitoring Activities
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan FY 01/02.
Construction Compliance Monitoring Program
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the Construction Compliance Review Task Force annual report.
The District Construction Storm Water Coordinator provides informal day to day monitoring of BMP implementation on construction sites.
Training and Public Outreach
Design engineers within the District will at a minimum receive 1 training session per year.
Maintenance conducts informal training sessions during tail gate meetings that are conducted prior to the crew beginning a new activity or every ten days. During the tail-gate meeting the appropriate BMPs approved by the SWMP are identified.
Annual Refreshers for all Maintenance field personnel. Refresher curriculum is developed prior to training based on the latest information available.
Informal training is provided by Regional Storm Water Coordinators on a daily basis as the need arises.
Training is provided to all district personnel as the need is identified. Often the need arises when an issue is identified.
Two-day training seminars are planned for each of the District maintenance and construction supervisors.
Municipal Coordination
District 5 participates in cooperative meetings with other municipalities located within the District. Coordination efforts are focussed on sharing of information, public education, storm drain stenciling coordination, and training.
Municipal counterparts are notified of spills on Department property that might affect them. Representatives of municipalities and other local agencies are encouraged to attend and participate in Department Maintenance training meetings. Contacts are promoted to allow Department participation in other agency training. Maintenance Supervisors are encouraged to establish networks with local agencies. The Department Permits Department is included in Maintenance training, and a mentoring effort is made with Permits engineers, inspectors, and their permittees.
District 5 NPDES staff will be contacting municipalities within the District where no municipal coordination currently exists.

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION

3

CALTRANS DISTRICT

7

PREPARED FOR **THE STATE WATER RESOURCES CONTROL BOARD**

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN FISCAL YEAR 2002/2003

REGION 3

Central Coast Regional
Water Quality Control Board

CTSW-RT-01-075



California Department of Transportation
District 7
120 South Spring Street
Los Angeles, CA 90012

April 1, 2002

REGIONAL WORK PLAN

**California Regional Water Quality Control Board
Los Angeles, Lahontan, Central Valley and Central Coast Regions
[Region 4, 6B, 5F, 3]
Fiscal Year 2002/2003
April 1, 2002**

CALIFORNIA DEPARTMENT OF TRANSPORTATION DISTRICT 7

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment of knowing violations. [40 CFR 122.22(d)]

Robert Sassaman

District Director

APPROVAL

REGIONAL WORK PLAN
California Regional Water Quality Control Board
Los Angeles, Lahontan, Central Valley and Central Coast Regions
[Region Numbers 4, 6B, 5F, 3]
Fiscal Year 2002/2003
April 1, 2002

CALIFORNIA DEPARTMENT OF TRANSPORTATION DISTRICT 7

Doug Failing,
Chief Deputy

William H. Reagan,
Deputy District Director,
Design

Frank Quon,
Deputy District Director,
Operations

Peter Chan,
Deputy District Director,
Construction

Raja Mitwasi,
Deputy District Director,
Program & Project Management

Michael Miles,
Deputy District Director,
Maintenance

Lawrence Staley,

Deputy District Director,

Right of Way

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SECTION 2 CALTRANS PERSONNEL AND RESPONSIBILITIES	2-1
SECTION 3 DISTRICT FACILITIES AND WATER BODIES	3-1
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1.0 INTRODUCTION

The purpose of the Regional Work Plans (RWPs) is to describe how Caltrans Districts will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2002-2003 as required by the Caltrans Statewide Storm Water NPDES Permit CAS000003 Order No. 99-06-DWQ (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

The RWP provides region-specific information on Caltrans facilities, water bodies, and Best Management Practices (BMPs), and monitoring programs according to the following sections:

- Section 1 – Introduction;
- Section 2 – Personnel and Responsibilities;
- Section 3 – District Facilities and Water Bodies;
- Section 4 – High Risk Areas; and
- Section 5 – Implementation Activities.

2.0 CALTRANS PERSONNEL AND RESPONSIBILITIES

Portions of Caltrans Districts 7 fall within the jurisdiction of the Central Coast Regional Water Quality Control Boards. Organization charts for District 7 are included in Figure 2-1. Staffs responsible for implementing the SWMP within the LARWQCB jurisdiction are listed in Table 2-1.

In compliance with Permit Section M.10.b, the following positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board(s).

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

[Positions or Individuals]	Documents Authorized for Signature
Office Chief and Above	Notification of Construction (NOC)
Resident Engineer	Notice of Completion of Construction (NCC)
Project Engineer	Aerially Deposited Lead (ADL) Notification

SECTION TWO

Regional Work Plans

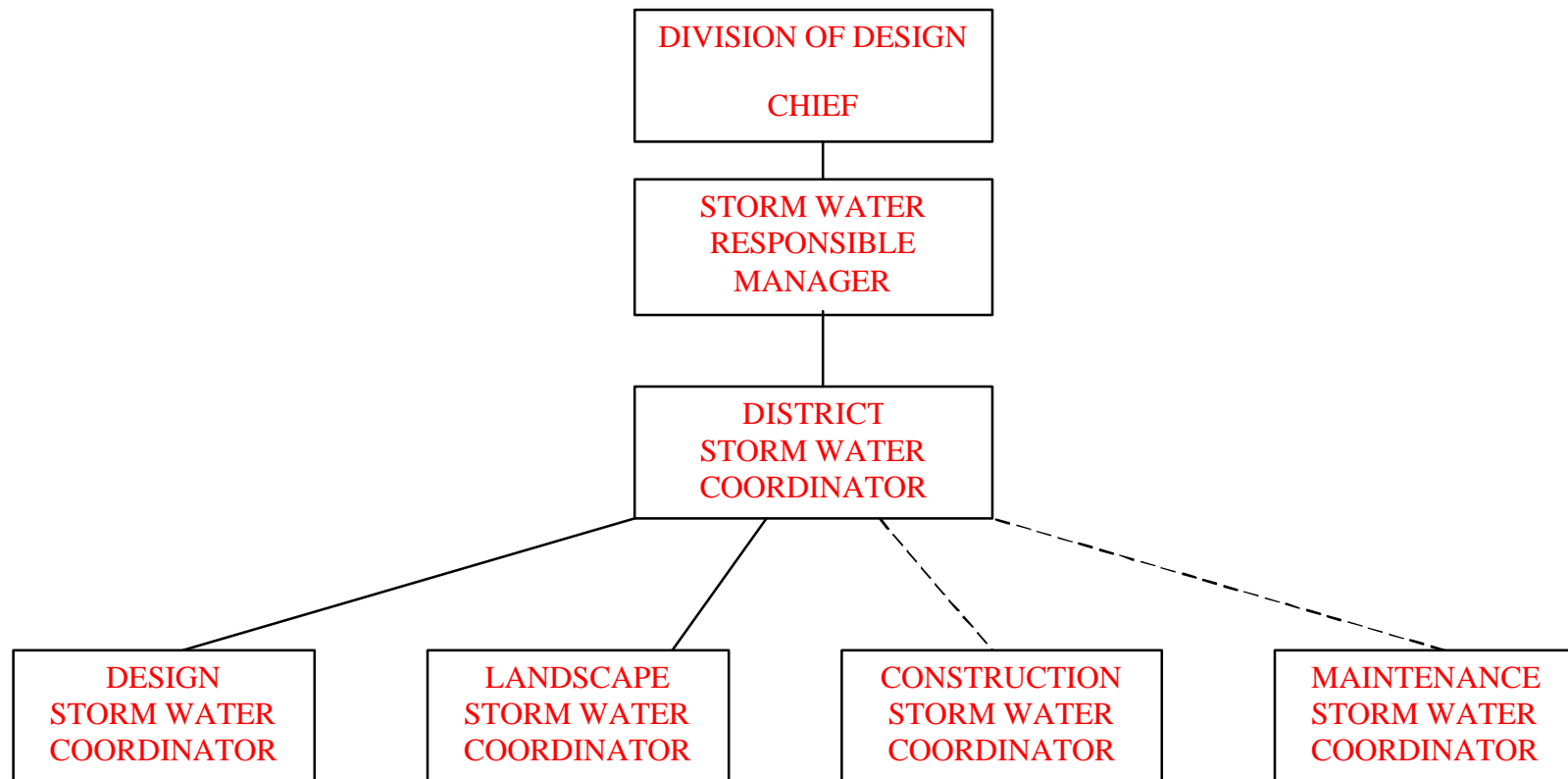
TABLE 2-1: CALTRANS STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Jai Paul Thakur	District Responsible Manager	(213) 897-7546	Jai_Paul_Thakur@dot.ca.gov	Primary contact for all storm water issues. Oversees all NPDES office employees within the Districts.
Shirley Pak	District/Design NPDES Storm Water Coordinator	(213) 897-0428	Shirley_Pak@dot.ca.gov	The point of contact for regulatory inquiries for implementing the Statewide SWMP. Receiving and responding to public inquiries made to the Districts regarding storm water management issues. Evaluating guidelines, guidance documents, training material, project plans, contract specifications, BMPs for use by design personnel.
Hai Ching Pan	Landscape Storm Water Coordinator	(213) 897-0627	HaiChing_Pan@dot.ca.gov	Provide technical support on erosion control and landscaping issues to implement storm water policies. Review and comment on highway slope and drainage design and BMPs research projects. Coordinate and respond to NRDC lawsuit related inquiries on landscaping and provide technical support in setting up the annual element projects. (From Section 10.3 in SWMP)
Bob Wu	District TMDL Coordinator	(213) 897-8636	Robert_Wu@dot.ca.gov	Coordinated Trash Total Maximum Daily Load (TMDL) program between District 7 and LARWQCB. Coordinate the storm drain outfall inventory in Ventura County and Los Angeles County.
James Burt	District Storm Water Construction Coordinator	(213) 897-1960	James_Burt@dot.ca.gov	Conducts inspections to assist the RE in ensuring that storm water controls are implemented on construction sites and to assist the REs in reviewing SWPPPs/WPCPs for adequacy. Provides training to district construction personnel. Prepared Annual BMP Effectiveness Report to NRDC.
Martin Sanchez John Garner	District Storm Water Maintenance Coordinator	(213) 620-5020 (213) 620-2110	Martin_Sanchez@dot.ca.gov John_Garner@dot.ca.gov	Primary contact for Maintenance storm water issues. Coordinating, tracking and reporting the District's response to illicit connections/ illegal discharges (IC/IDs) and non-permitted non-storm water discharges.
Ron Russak	District Storm Water Annual Element Coordinator	(213) 897-0233	Ron_Russak@dot.ca.gov	Select, Identify, Estimate, Define and Develop the Annual Element Soil Stabilization Program. Review and track the status of the Program and operations for each year's projects. Prepare reports for submittal to NRDC Consultants.

SECTION TWO

District Specific Activities

FIGURE 2-1
District 07 – Storm Water Organization Chart



3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies Caltrans facilities and water bodies within each District and Regional Board jurisdiction. A list of Caltrans facilities, excluding roadways, is presented in Table 3-1. Maps showing the District 07 boundaries within the Central Coast Regional Water Quality Control Board , and major roads and highways are presented on Figure 3-1.

TABLE 3-1: DISTRICT 7 FACILITIES

CO	RTE	PM	NAME	COMMENTS
Maintenance Stations				
None.				
Vista Points				
None.				
Commercial Vehicle Enforcement Facilities				
None.				
Safety Roadside Rest Areas				
None.				
Park and Ride Facilities				
None.				
Sand and Salt Staging Areas				
VEN	33	30.12	Sespe Gorge	Sand and Salt Storage
TOLL ROAD AND TOLL BRIDGE PLAZAS				
None.				

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on Caltrans facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>

4.0 HIGH RISK AREAS

A list of high-risk areas within District 7 is presented in Table 4-1. High risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from Caltrans owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. These are the high-risk areas that must be monitored in cases of accidental spill. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

In order to generate the list of high-risk municipal and domestic water supply reservoirs and ground water percolation facilities Caltrans first contacted known public and private water supply providers. From the information received, Caltrans determined which facilities were susceptible to a direct spill from a Caltrans activity or facility. This determination was based on proximity between the water body and Caltrans facility, use characteristics of the facilities, and the probable spill response time.

Caltrans will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS (SURFACE WATER)

Road Segment/ Facility	County	High Risk Area	Description	Comments
SR 33, PM 15	Ventura	Matilija Reservoir	The dam is 198 feet high and is currently being considered for removal by the County of Ventura, along with other local, state, and federal agencies	

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. Caltrans will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year. These projects are updates to the RWP provided in April.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after 2003) of land disturbance, designated as “SWPPP”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and Caltrans) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT”;
- The project limits are with a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

The information presented in Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. The Caltrans postmile map is to help the RWQCB staff locate the projects. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the Storm Water Pollution Prevention Program.

Table 5-1: District 7 Anticipated Project Development / Construction Schedule
Central Coast Region

No.	SWMP Category	EA#	Co.	Route	PM	Description	Hydrologic Unit	Water Bodies Affected	Criteria*	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PAED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
						NONE								

*SWMP Category

SWMP Category is defined in SWMP Section 4.4.1, Table 4-3

- (A) Beginning of Project Development Process prior to approval of the PSR
- (B) PSR approved but Environmental Documents are not final
- (C) Environmental Documents are final
- (D) Environmental Documents final, design complete and project in the construction phase of project delivery

* Criteria

- SWPPP = Greater than five (5) acres of land disturbance or greater than one acre of land disturbance after 2003.
- 303d = 303 (d) listed water body within project limits and affected by project. All projects indicated are 303d non-visible pollutants unless indicated by (SED). The only 303d listed waterbody with sediment pollution is the Mugu Lagoon for Region 4, and Bear C
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated project as a potential threat to water quality

*ALL PROJECTS ARE ASSUMED TO HAVE A DISTURBED SOIL AREA OF ONE (1) ACRE OR MORE

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
None							
Maintenance Facility and Activity Inspections							
All Maintenance Facilities are scheduled for inspection by the Maintenance Storm Water Coordinators.							
One inspection of Maintenance activities for each Region will be conducted by Maintenance Storm Water Coordinators.							
Maintenance Facility BMP Improvements							
BMPs at sand storage sites							
Maintenance BMP Actions/Modifications							
Shoulder maintenance improvements, minimize shoulder disturbance, shoulder work will be implemented only to correct /repair drop-offs for safety and preservation of structure.							
Vector waste disposal is done only at prior approved sites, wet material is placed into dewatering bins and dry material into approved containment structures / facilities. Material is sampled/tested to determine its appropriate disposition.							
Road Grinding Reuse: No planned use of grindings, use of grindings would incite an evaluation of the proposed location.							

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Vegetation Management and Vegetated Slope Management				
<p>Vegetation Control Plan</p> <p>The District 7 Vegetation Control Plan (VCP) for FY 2002/03 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:</p> <ul style="list-style-type: none"> Type of chemical to be applied and form (dry or liquid) Application locations, lengths, widths, total area, rates, frequency, total amount Reason for application Mowing program <p>Districts will provide the VCP for FY 02/03 to the RWQCB by May 15, 2002.</p>				
<p>Vegetated Slope Evaluation</p> <p>The Department's Maintenance Inspection and Slope Stabilization Team (MISST) created a Preliminary Slope Inspection Form, further discussed in Annual Report Section 5.2.3, that will be used to inspect all roadside vegetated slopes over the course of 5 years. After approval of the program by the SWRCB, a plan to inspect District slopes will be submitted to the RWQCB at a mutually agreeable date.</p>				
	Route/PM	County	Inspection Schedule	Remediation Action Planned
	NONE			

(1) Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Caltrans staff.

(2) Criteria

SWPPP = Greater than 5 acres of land disturbance

303d = 303 (d) listed water body with project limits and affected by project. All projects indicated are 303d non-visible pollutants unless indicated by (SED). The only 303d listed sediment polluted water is Mugu Lagoon in Region 4 and Bear Creek in Region 6, that are not listed in Table 5-2.

401 = 401 Certification/Waiver required

SEP = Supplemental Environmental Project

Retro = Storm Water Retrofit Project (SWMP 4.4.2)

LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit

HR = Project limits within High Risk Area

RB = RWQCB designated projects as a potential threat to water quality

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Monitoring Activities
<p>As part of the Maintenance Monitoring Program, under the direction of the Maintenance Storm Water Coordinator, Maintenance was actively participated in the Non-Storm Water Inspections, Maintenance Activity Pollution Prevention Plan (MAPPP), Facility Pollution Prevention Plan (FPPP), and the Maintenance Facility BMP Effectiveness Programs.</p> <p>In order to minimize impact to water bodies by Caltrans projects, all major projects will be reviewed by different units (for example: Hydraulics, Landscape Architecture, Storm Water, Materials, Construction, and Maintenance) during District 7's Quality Review Process. During Quality Review meetings, designers are informed of the NPDES Permit requirements and available BMPs to minimize Storm Water pollution.</p>
Construction Compliance Monitoring Program
<p>As part of the Construction Monitoring Program, the Construction Storm Water Coordinator worked closely with the Storm Water Pollution Prevention Team to inspect and to educate Resident Engineers, inspectors, and contractors on the proper implementation of construction BMPs through field inspections and review of SWPPP and WPCP plans.</p>

Training and Public Outreach

Training of Caltrans personnel takes place during Maintenance Tailgate meetings, Resident Engineer meetings, and Project Development Quarterly meetings. Caltrans staff is also provided directions in various guidance documents.

Maintenance provided various training to staff, to name a few were the Annual Awareness Training and the Highway Spill Response Training. During the Tailgate meetings, Maintenance Stormwater Bulletin are reviewed, proper BMP installation methods are also shared among Maintenance crews.

Construction provided storm water training in Construction Engineer Academy and the Construction Boot Camps.

Training will be provided to Design staff upon completion of the latest revision of the Project Planning and Design Guide.

Additional programs such as the Litter Ramp Study and Keep America Beautiful (KAB).

Public outreach, demonstration of Enviroscope watershed model in elementary schools in Culver City and in the Los Angeles County Fair.

Public outreach in and local agency events such as water sampling.

District 7 uses a variety of methods to educate the public about the importance of managing storm water. This consists of a variety of written materials, bulletins, websites, workshops and the Caltrans Adopt-a-Highway Program. The written material is designed to appeal to the general public while providing technical information on selected Caltrans projects and activities. District 7 installed "No Dumping" and "Litter Free" signs at selected locations on highways and freeways. Stenciled warnings prohibited discharges to drain inlets at park-and-ride lots, rest areas, vista points and other areas with pedestrian traffic.

Municipal Coordination

District 7 coordinates storm water management activities with municipalities, flood control districts, RWQCB's and other entities as necessary. Coordination is implemented through informal discussions, meetings, agreements, procedures, and special studies.